

NANABOSHI CONNECTORS

***ENGLISH & JAPANESE
VERSION***

NANABOSHI ELECTRIC Mfg. Co., Ltd.



ISO 9001 April 1996



ISO 14001 April 2000

CORPORATE PROFILE 会社概要

Name Nanaboshi Electric Mfg. Co., Ltd.

Established September 20, 1943

Capital 40 million yen

President Yoshihisa Suzuki

Employees 230

Areas of Business Manufacture and sale of connectors for telecommunications devices, industrial equipment, medical equipment, electrical power equipment, measuring devices, electronic devices, etc., die casting

Places of Business **Head office**
1-49-15 Kamitakada, Nakano-ku
Tokyo, 164-0002, Japan
Phone 03-3386-3181 Fax 03-3388-1561

Sayama Factory
71 Kashiwabara, Sayama-shi Saitama,
350-1335, Japan
[Connectors manufacturing]
Phone 04-2952-3101 Fax 04-2952-0220
[Die casting]
Phone 04-2952-2131 Fax 04-2952-2388

Memberships

- Japan Electronics Information Technology Industries Association (JEITA).
- Japan Electrical Wiring Devices and Equipment Industries Association (JEWA).
- Japan Die Casting Association (JDCA).
- Nippon Die Casting Co-operative Union.

会社名 株式会社七星科学研究所

設立 1943年9月20日

資本金 4,000万円

代表者 取締役社長 鈴木 芳久

従業員 230名

事業内容 通信機器・産業機器・医療機器・電源設備・測定機器・電子機器用などの各種コネクタ製造販売及びダイカスト鋳造

事業所 本 社
〒164-0002 東京都中野区上高田1-49-15
TEL. 03-3386-3181 FAX. 03-3388-1561

狭山工場
〒350-1335 埼玉県狭山市柏原71
[コネクタ製造部]
TEL. 04-2952-3101 FAX. 04-2952-0220
[ダイカスト製造部]
TEL. 04-2952-2131 FAX. 04-2952-2388

加入団体

- (社) 電子情報技術産業協会
- (社) 日本配線器具工業会
- (社) 日本ダイカスト協会
- 日本ダイカスト工業協同組合

Advantages of Using Connectors

- Safety** :Connectors provide reliable electrical connection.
Connectors ensure proper wiring.
- Operability** :Connectors are repetitively detachable and attachable.
Connectors make equipment-to-equipment connection easy.
- Economy** :Connectors enable the unitization of devices.
Connectors facilitate maintenance and inspection.
Connectors shorten work time.

※Cable assemblies are also available upon request.

Precautions

1. When Selecting Connectors

- Choose one which meets your voltage and current requirements.
- Choose one which is suitable for your method of use, place of use and environment.
- Choose one which has a socket insert incorporated on the power supply side.
- Choose a waterproof cable packing which is suitable for The cable to use.
(The waterproof connector is resistant to water when connected.)
- Please ask for "wire connecting method" instructions if such are necessary, as we have separately prepared them.
- Never modify the connector:otherwise,it may not perform as intended.

2. When Using Connectors

- Be sure to use the connector below its rating.
- Never insert or pull out the connector when in conduction. It is very dangerous practice.
- Never insert or pull out the connector with wet hands. It is very dangerous practice.
- Insert or pull out the connector straight.
- Do not use the connector with damaged insulator pr cover.
- Do not use the connector with deformed or damaged contact.

3. When Ordering Connectors

- When there is an intrinsic quality assurance program for the industrial field being used, or an advanced application, such as a nuclear power control system, aerospace equipment, submarine relay, and medical life support instruments, equipment, or systems, then please consult the manufacturer ahead of time.

When using products listed in this catalog, follow applicable laws and regulations(Fire Services Act, Safety and Sanitary Act, etc.)

コネクタ使用のメリット

- 安全性** : 確実な電氣的接続ができる
適正な配線が確保できる
- 操作性** : 繰り返しの着脱ができる
機器間の接続が簡単に行える
- 経済性** : 操作のユニット化ができる
保守点検が容易にできる
作業時間が短縮できる

※ケーブルアッセンブリも、お受け致しております。

ご注意

1. コネクタの選定にあたって

- 電圧・電流に適合する範囲の中で選定して下さい。
- 使用方法・使用場所・環境等に合わせて適切なものを選定して下さい。
- 電源側にはソケットインサートを組み込んだものを選定して下さい。
- 防水タイプのケーブルパッキンは、使用するケーブルにあったものを選定して下さい。(なお、防水タイプのコネクタは、結合状態において防水性が発揮されます。)
- 『結線作業方法』の必要があれば別途ご用意しておりますのでお申し付け下さい。
- 改造はしないで下さい。本来の性能を欠く恐れがあります。

2. コネクタの使用にあたって

- 必ず定格以内でご使用下さい。
- 通電中の抜き差しは危険ですからしないで下さい。
- 濡れた手での抜き差しは危険ですからしないで下さい。
- 抜き差しは真っ直ぐに行って下さい。
- 絶縁体やカバーが破損したものは使用しないで下さい。
- コンタクトの変形したもの、あるいは破損したものは使用しないで下さい。

3. コネクタの注文にあたって

- ご使用される産業分野固有の品質保証プログラムがある場合や、原子力制御システム、航空宇宙機器、海底中継器、生命維持の医療機器・装置・システム等の高度な用途へのご使用の場合は、必ず事前にご相談下さい。

カタログ中の製品の使用に際しましては、貴社にて使用目的に応じた法規制(消防法、安全衛生法等)を遵守願います。

※Please understand that this catalog may change without any advance notice.

※本カタログは予告無く変更する場合がありますのでご了承下さい。

<S Type> and <G Type>

Our connectors are classified into two types : <S Type> and <G Type> These designations apply only to products, but we use them for convenience in product identification. We manufacture both connectors with a socket insert incorporated and connectors with a pin insert incorporated for each series, size and shape of connector as a rule. <S Type> and <G Type> are classifications according to the shape of shells into which the socket insert or pin insert is incorporated.

Specifically, they are classified as follows:

<S Type>

Plugs with socket insert incorporated ... PF,LPF,GPF,SPF
Receptacles with pin insert incorporated ... RM,RM(Square),CRM
Adapters with pin insert incorporated ... AdM,Ad(F)M

<G Type>

Plugs with pin insert incorporated ... PM,LPM,GPM,SPM
Receptacles with socket insert incorporated ... RF,RF(Square),CRF
Adapters with socket insert incorporated ... AdF,Ad(F)F

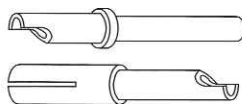
※By our method of classification, receptacles for domestic use are of <G Type>.

Contacts and Inserts

(Contacts)

There are two types of contacts incorporated into a connector male shape and female shape.

Symbol(記号)



M Male shape(male contact)

オス形状(オスコンタクト)

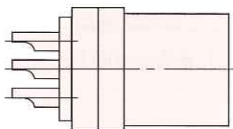
F Female shape(female contact)

メス形状(メスコンタクト)

(Inserts)

An assembly of contact into an insulator is called the "insert". There are two types of inserts: socket insert and pin insert.

<Socket insert> ソケットインサート

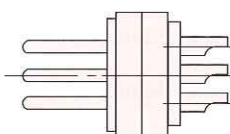


A female contact incorporated into an insulator.
メスコンタクトを絶縁体に組み込んだもの

(インサートについて)

絶縁体にコンタクトを組み込んだものをインサートと呼びます。インサートにはソケットインサートとピンインサートの2種類があります。

<Pin insert> ピンインサート



A male contact incorporated into an insulator.
オスコンタクトを絶縁体に組み込んだもの

<正芯> <逆芯> について

弊社のコネクタには製品識別の上で<正芯> <逆芯> という区別があり、これは弊社独自の呼称です。原則として同じシリーズ・サイズ・形状のコネクタにつき、ソケットインサートが組み込まれたもの、ピンインサートが組み込まれたものの双方を用意しています。ソケットインサート、もしくはピンインサートが組み込まれるシェル形状によって<正芯> <逆芯> の区別をしています。

具体的には、以下の通りです。

<正芯>

ソケットインサートが組み込まれたプラグ類 ... PF,LPF,GPF,SPF
ピンインサートが組み込まれたレセプタクル類 ... RM,RM(カク),CRM
ピンインサートが組み込まれたアダプタ類 ... AdM,Ad(F)M

<逆芯>

ピンインサートが組み込まれたプラグ類 ... PM,LPM,GPM,SPM
ソケットインサートが組み込まれたレセプタクル類 ... RF,RF(カク),CRF
ソケットインサートが組み込まれたアダプタ類 ... AdF,Ad(F)F

※家庭用コンセントは、弊社においては<逆芯> になります。

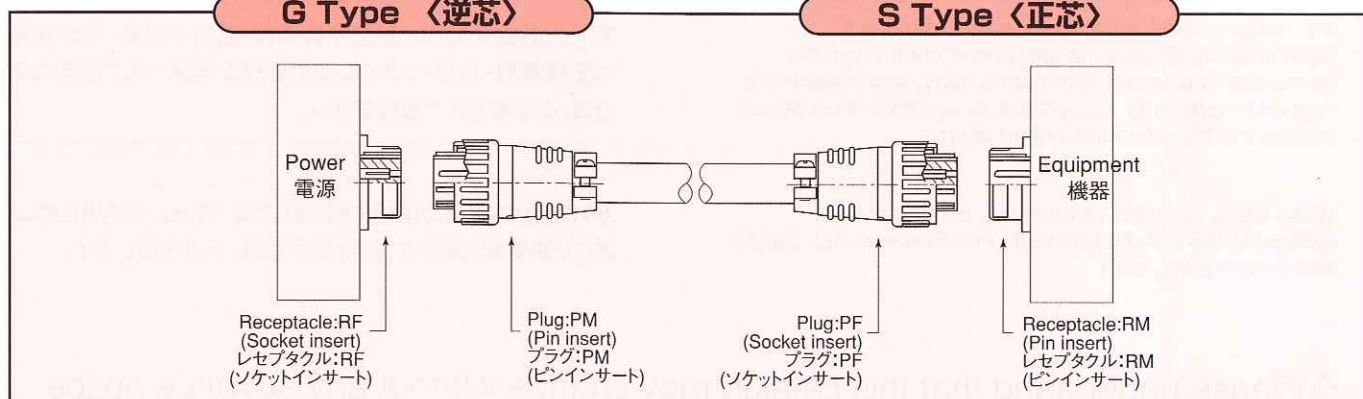
コンタクト・インサートについて

(コンタクトについて)

コネクタに組み込まれるコンタクトにはオス形状とメス形状の2種類があります。

G Type <逆芯>

S Type <正芯>



Inserting or pulling out the connector in conduction is very dangerous. Be sure to turn off the power in advance.

通電状態でコネクタの抜き差しは危険です。必ず電源を切ってから行って下さい。

Overseas standardized acquisition connectors

(海外規格取得製品)

UL and CSA standardized acquisition connectors (UL・CSA 規格取得コネクタ)

★Underwriters Laboratories Inc UL1977 approved.

★Canadian Standards Association C22. 2No. 182. 3 approved.

General purpose type :NJC NR NET (汎用タイプ)

Waterproof type :NJW NRW NEW (防水タイプ)

Series designation (シリーズ名称)	Shell size (シェルサイズ)	Number of contacts (コンタクト数)	Rating of electricity (定格電流)				Rating of voltage (定格電圧)
			5A	10A	15A	20A	
NJC NJW	16	3		○			125V
		5	○				
NJC NR NJW NRW	20	2			○		250V
		3			○		
		4		○			
		5		○			
		7		○			
		10	○				
NJC NJW NRW	24	12	○				
		2				○	
		3				○	
		4			○		
		5			○		
		10		○			
NET NEW	24	14	○				
		16	○				
		3				○	
NJC NJW NRW	28	4			○		
		16		○			
NET NEW	28	24	○				
		4				○	
NET NEW	28	8			○		

※NJW NRW : Some products haven't obtained standards due to the code diameter.(packing) コード径(パッキン)により規格取得していない製品があります。

EN (European Norm) standardized acquisition connectors (欧州規格取得コネクタ)

★「DIN VDE 0627」 TÜV Rheinland

NET NJC NR : Protection degree IP 4X NEW NRW : Protection degree IP 67 (保護等級)

Series designation (シリーズ名称)	Shell size (シェルサイズ)	Number of contacts (コンタクト数)	Rating of electricity (定格電流)				Rating of voltage (定格電圧)
			10A	15A	20A	30A	
NJC	20	2		○			250V
		3		○			
		4	○				
	24	2			○		
		3			○		
		4		○			
NR	20	5		○			
		3		○			
		4	○				
	24	2			○		
		3			○		
		4		○			
NRW	20	5		○			
		2		○			
		3	○				
	24	4	○		○		
		2			○		
		3		○			
NET NEW	24	4		○			
		2		○			
		3		○			
NET NEW	28	4		○			
		8		○			
NET	32	4				○	
		3				○	

NET and NEW Series Connectors

Feature

1. Per "DIN/VDE0627" to TÜV Rheinland approved.
2. UL 1977 approved.
3. Structure with contact for earth use.
(touch have priority over other contacts)
4. Body earth structure [NET]
5. Coupling to quick lock structure [NEW]

特長

- 1.「DIN/VDE0627」をTÜV Rheinlandにて認定取得
- 2.UL1977認定取得
- 3.アース用コンタクト付構造(優先接触構造)
- 4.ボディアース構造 [NET]
- 5.結合方式にワンタッチロック機構を採用 [NEW]

NET ●Material and Finish

	Material (材質)	Finish (処理)
Shell (シェル)	Zinc alloy (亜鉛合金)	Crape chrome plating (梨地クロムめっき)
	Aluminum alloy (アルミ合金) [Shell size 28・32] [シェルサイズ 28・32]	
Insulator (絶縁体)	Synthetic resin (合成樹脂)	
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)

- Cable termination : Soldering
- Operating temperature range : -40°C to +100°C
- Protection degree : IP 4X

●材質及び処理

- 結線方式 : はんだ付け
- 使用温度範囲 : -40°C~+100°C
- 保護等級 : IP 4X

Plug 	PF	S Type	*Number of contacts	A	B		
		NET-24*-PF	3, 4	30	54		
		NET-28*-PF	4, 8	34	57.2		
		NET-32*-PF	3, 4	44	83		
		G Type	*Number of contacts	A	B		
		NET-24*-PM	3, 4	30	54		
Receptacle 	RM	S Type	*Number of contacts	A	B	D	E
		NET-24*-RM	3, 4	24	31.6	26	32
		NET-28*-RM	4, 8	28	31.6	29	35
	RF	G Type	*Number of contacts	A	B	D	E
		NET-24*-RF	3, 4	24	32	26	32
		NET-28*-RF	4, 8	28	32	29	35
		NET-32*-RF	3, 4	32	38.2	36	45
		G Type	*Number of contacts	A	B	D	E
		NET-24*-AdM	3, 4	29	54		
		NET-28*-AdM	4, 8	34	57		
		NET-32*-AdM	3, 4	44	85.5		
		G Type	*Number of contacts	A	B		
Adapter (Jack) 	AdM	S Type	*Number of contacts	A	B		
		NET-24*-AdM	3, 4	29	54		
		NET-28*-AdM	4, 8	34	57		
	AdF	G Type	*Number of contacts	A	B		
		NET-24*-AdF	3, 4	29	54		
		NET-28*-AdF	4, 8	34	57		
		NET-32*-AdF	3, 4	44	85.5		
		G Type	*Number of contacts	A	B		
		NET-24*-Ad(F)M	3, 4	54.3	26	32	
		NET-28*-Ad(F)M	4, 8	57	29	35	
		NET-32*-Ad(F)M	3, 4	83.5	36	45	
		G Type	*Number of contacts	B	D	E	
Adapter with flange (Panel Jack) 	Ad(F)M	S Type	*Number of contacts	B	D	E	
		NET-24*-Ad(F)M	3, 4	54.3	26	32	
		NET-28*-Ad(F)M	4, 8	57	29	35	
	Ad(F)F	G Type	*Number of contacts	B	D	E	
		NET-24*-Ad(F)F	3, 4	54.3	26	32	
		NET-28*-Ad(F)F	4, 8	57	29	35	
		NET-32*-Ad(F)F	3, 4	83.5	36	45	
		G Type	*Number of contacts	B	D	E	
		NET-24*-Ad(F)F	3, 4	54.3	26	32	
		NET-28*-Ad(F)F	4, 8	57	29	35	
		NET-32*-Ad(F)F	3, 4	83.5	36	45	
		G Type	*Number of contacts	B	D	E	

(About the cap)

NJC Series : Select the product matching the same shell size from the accessory list.

Further TÜV certified products haven't been prepared. If you need UL certified products, write <UL・CSA> after the standard model.

For plugs : PCa For receptacles : RCa For adapters : AdCa

Example : NET-243-PF Cap→NJC-24-PCa

<UL・CSA> product→NJC-24-PCa <UL・CSA>

(キャップについて)

NJCシリーズ アクセサリー欄より同シェルサイズの製品をご選定下さい。尚、TÜV認定品は用意しておりません。認定品が必要な場合は、標準品型式の後に<UL・CSA品>と明記して下さい。

プラグ用:PCa レセプタクル用:RCa アダプタ用:AdCa

例 : NET-243-PF用キャップ→NJC-24-PCa

<UL・CSA品>の場合→NJC-24-PCa <UL・CSA品>

Order Cording (形名構成)

NET-24 3-P M 

Symbol representing the outer diameter of the cable used [NEW] (使用ケーブル外径を表す記号)
Contact shape (コンタクト形状)
M: male F: female (M:オスコンタクト F:メスコンタクト)
Shell shape (シェル形状)
[P: Plug R: Receptacle Ad: Adapter (Jack) Ad(F): Adapter with flange (Panel Jack)]
(P: プラグ R: レセプタクル Ad: アダプタ Ad(F): フランジ付アダプタ)
Number of contacts (コンタクト数) [3・4・8]
Shell size (シェルサイズ) [24・28]
Series designation (シリーズ名称) [NET・NEW]

NEW ● Material and Finish

● 材質及び処理

	Material (材質)	Finish (処理)
Shell (シェル)	Synthetic resin (合成樹脂)	—
Insulator (絶縁体)	Synthetic resin (合成樹脂)	—
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)
Packing (パッキン)	Synthetic rubber (合成ゴム)	—

- Coupling : Quick Lock
- Insertion : Attach the guide to push straight.
- Extraction : The coupling nut counter clockwise 45° as soon as by the arrow and extract.
- Cable termination : Soldering
- Operating temperature range : -25°C to +85°C
- Protection degree : IP 67

- 結合方式 : クイックロック式
- 挿入 : ガイドを合わせ、まっすぐに押し込む
- 抜去 : カップリングナットを45°左回転させ、引き抜く
- 結線方式 : はんだ付け
- 使用温度範囲 : -25°C ~ +85°C
- 保護等級 : IP 67

Plug

Receptacle

Adapter(Jack)

PF

S Type	*Number of contacts	A		B
NEW-24*-PF□	3, 4	34.1	noted	75
NEW-28*-PF□	4, 8	40.7	elsewhere	82

PM

G Type	*Number of contacts	A		B
NEW-24*-PM□	3, 4	34.1	noted	75
NEW-28*-PM□	4, 8	40.7	elsewhere	82

RM

S Type	*Number of contacts	A	B	D	E
NEW-24*-RM	3, 4	24	33.9	26	33
NEW-28*-RM	4, 8	28	33.9	29	36

RF

G Type	*Number of contacts	A	B	D	E
NEW-24*-RF	3, 4	24	34.3	26	33
NEW-28*-RF	4, 8	28	34.3	29	36

AdM

S Type	*Number of contacts	A		B
NEW-24*-AdM□	3, 4	32.2	noted	77
NEW-28*-AdM□	4, 8	37.1	elsewhere	83

AdF

G Type	*Number of contacts	A		B
NEW-24*-AdF□	3, 4	32.2	noted	77
NEW-28*-AdF□	4, 8	37.1	elsewhere	83

(About the cap)

NRW Series: Select the product matching the same shell size from the accessory list.

For plugs: PCa・1 For receptacles: RCa・1 For adapters: AdCa・1
Example : NEW-243-RM Cap→NRW-24-RCa・1

(キャップについて)

NRWシリーズ アクセサリー欄より同シェルサイズの製品をご選定下さい。

プラグ用: PCa・1 レセプタクル用: RCa・1 アダプタ用: AdCa・1

例: NEW-243-RM用キャップ→NRW-24-RCa・1

※RCa AdCa : Protection degree IP 54

※RCa AdCa : 保護等級IP 54

□ Symbol representing the outer diameter of the cable used. (使用ケーブル外径を表す記号)

Shell size	Symbol □	Outer diameter of cable used	Shell size	Symbol □	Outer diameter of cable used
24	★ 8	φ 6.8~φ 8.0	28	10	φ 9.0~φ 10.9
	11	φ 9.5~φ 11.0		12	φ 11.0~φ 12.4
	13	φ 11.1~φ 13.0		14	φ 12.5~φ 14.0
	15	φ 13.1~φ 15.0		16	φ 14.1~φ 16.0
				18	φ 16.1~φ 18.0

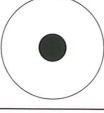
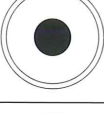
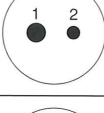
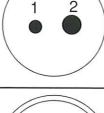
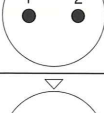
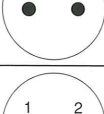
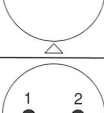
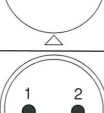
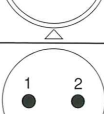
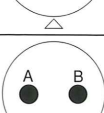
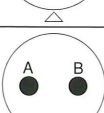
★ TÜV is not acquired
(TÜV認定は取得しておりません)

Classify by number of contacts

number of contacts 1・2

(コンタクト数別)

Look at this illustration from pin insert side (ピンインサート結合面から見た図)

number of contacts コンタクト数	shell size シェルサイズ	series シリーズ	water proof 防水性	contact arrangement コンタクト配列	rating 定格	withstand voltage 耐電圧 (KV)	insulation resistance 絶縁抵抗 (more than MΩ)	contact resistance 接触抵抗 (less than mΩ)	A.W.G (mm ²)	outer diameter of cable used 使用ケーブル外径 (mm)
1	14 (S Type)	NCS	—		5A	1	2,000	3	#18	φ 5.5～ 7.0
		NWPC	○		125V				(0.75)	φ 5.0～ 8.0
	16 (S Type)	NCS	—		10A	1	2,000	3	#16	φ 6.5～ 8.0
		NWPC	○		125V				(1.25)	φ 4.5～10.0
	60	R	○		500A 600V	2.5	3,000	※1	— (100～250)	φ25.0～39.0
2	14 (S Type)	NCS	—		5A	1	2,000	3	#18	φ 5.5～ 7.0
		NWPC	○		125V				(0.75)	φ 5.0～ 8.0
	16 (S Type)	NCS	—		5A	1	2,000	3	#18	φ 6.5～ 8.0
		NWPC	○		125V				(0.75)	φ 4.5～10.0
	16 (G Type)	NCS	—		5A	1	2,000	3	#18	φ 6.5～ 8.0
		NWPC	○		125V				(0.75)	φ 4.5～10.0
	20	NJC	—		15A 250V	1.5	2,000	3	#14	φ10.0～12.5
		NR	—						(2)	φ 5.5～ 6.3
		NJW	○							φ 7.0～12.5
		NRW	○							
	24	NJC	—		20A 250V	1.5	5,000	3	#12	φ11.5～14.0
		NR	—				2,000		(3.5)	φ12.6～16.5
		NJW	○							φ 6.8～ 8.0
		NRW	○							φ 9.5～15.0
	25	NCS	—		10A	2	2,000	3	#14	φ 9.5～11.5
		NWPC	○		250V				(2)	φ 6.5～14.0
	30 (S Type)	NCS	—		15A	2	2,000	3	#12	φ11.0～13.0
		NWPC	○		250V				(3.5)	φ 8.0～18.0
	30 (G Type)	NCS	—		15A	2	2,000	3	#14	φ11.0～13.0
		NWPC	○		250V				(2)	φ 8.0～18.0
	40 (S Type)	NCS	—		30A	2.5	2,000	3	#10	φ15.0～17.0
		NWPC	○		250V				(5.5)	φ11.0～24.0
	44 (G Type)	NCS	—	φ15.0～19.0						
		NWPC	○	φ11.0～24.0						
	50 (S Type)	NCS	—		80A	3	5,000	1	#2	φ19.0～23.0
		NWPC	○		500V				(30)	φ15.0～28.0
	54 (G Type)	NCS	—							φ19.0～26.0
		NWPC	○							φ15.0～28.0
	60 (S Type)	NCS	—		150A	3	5,000	1	#0	φ29.0～33.0
		NWPC	○		500V				(50)	φ21.0～38.0
	64 (G Type)	NCS	—							φ31.0～36.0
		NWPC	○							φ21.0～38.0

※1: voltage drop of contact less than 20mV [for electricity of rating] (コンタクト電圧降下20mV以下[定格電流にて])

Look at this illustration from pin insert side (ピンインサート結合面から見た図)

number of contacts コンタクト数	shell size シェルサイズ	series シリーズ	water proof 防水性	contact arrangement コンタクト配列	rating 定格	withstand voltage 耐電圧 (KV)	insulation resistance 絶縁抵抗 (more than MΩ)	contact resistance 接触抵抗 (less than mΩ)	A.W.G (mm ²)	outer diameter of cable used 使用ケーブル外径 (mm)
3	16	NJC	—		10A	1.5	2,000	3	#16 (1.25)	φ 7.0～ 8.5
		NJW	○		125V					φ 4.0～ 4.8 φ 5.7～ 6.8 φ 8.0～11.0
		NCS	—		5A	1	2,000	3	#18 (0.75)	φ 6.5～ 8.0
		NWPC	○		125V					φ 4.5～10.0
	20	NJC	—		15A	1.5	2,000	3	#14 (2)	φ10.0～12.5
		NR	—		250V					φ 5.5～ 6.3
		NJW	○							φ 7.0～12.5
		NRW	○							φ 7.0～12.5
	24	NJC	—		20A	1.5	5,000	3	#12 (3.5)	φ11.5～14.0
		NR	—		2,000		φ12.6～16.5			
		NJW	○				φ 6.8～ 8.0			
		NRW	○				φ 9.5～15.0			
		NET (S Type)	—		20A	1.5	2,000	3	#12 (3.5)	φ11.5～14.0
		NEW	○		250V					φ 6.8～ 8.0 φ 9.5～15.0
	25	NCS	—		10A	2	2,000	3	#14 (2)	φ 9.5～11.5
		NWPC	○		250V					φ 6.5～14.0
	30	NCS	—		15A	2	2,000	3	#14 (2)	φ11.0～13.0
		NWPC	○		250V					φ 8.0～18.0
	32	NJC	—		30A	2	2,000	3	#10 (5.5or6)	φ15.0～19.5
		NJW	○		250V					φ11.5～20.0
		NET	—						30A 250V	2
	40 (S Type)	NCS	—		30A	2.5	2,000	3	#10 (5.5)	φ15.0～17.0
		NWPC	○		250V					φ11.0～24.0
	44 (G Type)	NCS	—		250V					φ15.0～19.0
		NWPC	○							φ11.0～24.0
	50 (S Type)	NCS	—		80A	3	5,000	1	#2 (30)	φ19.0～23.0
		NWPC	○		500V					φ15.0～28.0
	54 (G Type)	NCS	—		500V					φ19.0～26.0
		NWPC	○							φ15.0～28.0
	60 (S Type)	NCS	—		150A	3	5,000	1	#0 (50)	φ29.0～33.0
		NWPC	○		500V					φ21.0～38.0
	64 (G Type)	NCS	—		500V					φ31.0～36.0
		NWPC	○							φ21.0～38.0
	90	NMI	○		200A 600V	2.5	5,000	※1	#1～2/0 (38～60)	φ37.0～48.0
	120	NMI	○		300A 600V	2.5	5,000	※1	— (60～150)	φ45.0～71.0

※1: voltage drop of contact less than 20mV [for electricity of rating] (コンタクト電圧降下20mV以下[定格電流にて])

Look at this illustration from pin insert side (ピンインサート結合面から見た図)

number of contacts コンタクト数	shell size シェルサイズ	series シリーズ	water proof 防水性	contact arrangement コンタクト配列	rating 定格	withstand voltage 耐電圧 (KV)	insulation resistance 絶縁抵抗 (more than MΩ)	contact resistance 接触抵抗 (less than mΩ)	A.W.G (mm ²)	outer diameter of cable used 使用ケーブル外径 (mm)
4	16 (S Type)	NCS	—		5A	1	2,000	3	#18	φ 6.5~ 8.0
		NWPC	○		125V				(0.75)	φ 4.5~10.0
	20	NJC	—		10A	1.5	2,000	3	#16 (1.25)	φ10.0~12.5
		NR	—							
		NJW	○							
		NRW	○							
	24	NJC	—		15A	1.5	5,000	3	#14 (2)	φ11.5~14.0
		NR	—				φ12.6~16.5			
		NJW	○				φ 6.8~ 8.0			
		NRW	○		2,000		φ 9.5~15.0			
		NET (S Type)	—		15A		2,000	3	#14 (2)	φ11.5~14.0
		NEW	○		250V					φ 6.8~ 8.0 φ 9.5~15.0
	25	NCS	—		10A	2	2,000	3	#14 (2)	φ 9.5~11.5
		NWPC	○							250V
	28	NET	—		20A	1.5	2,000	3	#12 (3.5)	φ13.6~16.5
		NEW	○							250V
	30	NCS	—		15A	2	2,000	3	#14 (2)	φ11.0~13.0
		NWPC	○							250V
	32	NJC	—		30A	2	2,000	3	#10 (5.5or6)	φ15.0~19.5
		NJW	○							250V
		NET	○		30A					2,000
	40 (S Type)	NCS	—		30A	2.5	2,000	3	#10 (5.5)	φ15.0~17.0
		NWPC	○							250V
	44 (G Type)	NCS	—		30A			3	#10 (5.5)	φ15.0~19.0
		NWPC	○							250V
	50	NT	○		30A 600V	3	5,000	3	#8 (8)	φ 8.0~24.0
	50 (S Type)	NCS	—		50A	2.5	2,000	3	#5 (14)	φ19.0~23.0
		NWPC	○							250V
	54 (G Type)	NCS	—		250V			1	#2 (30)	φ19.0~26.0
		NWPC	○							250V
	60 (S Type)	NCS	—		80A	3	5,000	1	#2 (30)	φ29.0~33.0
		NWPC	○							500V
	64 (G Type)	NCS	—		500V			※2	#1~4/0 (38~100) ※4	φ31.0~36.0
		NWPC	○							500V
	75	R	○		200A 600V	2.5	5,000	※2	#1~4/0 (38~100) ※4	φ38.0~60.0

※2: voltage drop of contact less than 15mV [for electricity of rating] (コンタクト電圧降下15mV以下[定格電流にて])

※4: Movable Cable : 50 to 80mm², AWG# 0 to 3/0 (移動用ケーブル: 50~80mm², AWG# 0~3/0)

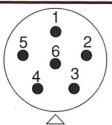
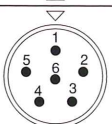
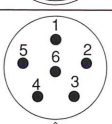
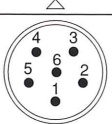
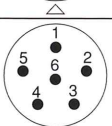
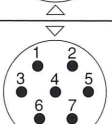
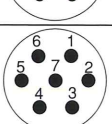
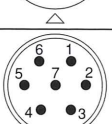
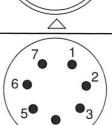
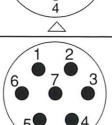
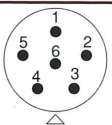
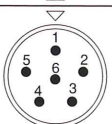
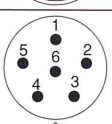
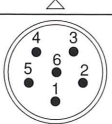
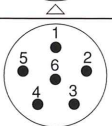
Look at this illustration from pin insert side (ピンインサート結合面から見た図)

number of contacts コンタクト数	shell size シェルサイズ	series シリーズ	water proof 防水性	contact arrangement コンタクト配列	rating 定格	withstand voltage 耐電圧 (KV)	insulation resistance 絶縁抵抗 (more than MΩ)	contact resistance 接触抵抗 (less than mΩ)	A.W.G (mm²)	outer diameter of cable used 使用ケーブル外径 (mm)	
4	90	NMI	○		200A 600V	2.5	5,000	※1	#2~2/0 (30~60)	φ37.0~48.0	
		NHVC	○		80A 3.3KV	16	—	※2	#6~4 (11~22)	φ37.0~48.0	
	120	NHVC	○		200A 3.3KV	20	—	※1	#4~3/0 (22~80)	φ45.0~71.0	
	200	NHVC	○		350A 6.6KV	35	—	※1	— (22~150)	φ51.0~93.0	
5	16	NJC	—		5A	1	1,000	5	#20	φ 7.0~ 8.5	
		NJW	○		125V				(0.5)	φ 4.0~ 4.8 φ 5.7~ 6.8 φ 8.0~11.0	
	20	NJC	—		10A	1.5	2,000	3	#16	φ10.0~12.5	
		NR	—		250V				(1.25)	φ 5.5~ 6.3 φ 7.0~12.5	
		NJW	○								
		NRW	○								
	24	NJC	—		15A	1.5	5,000	3	#14	φ11.5~14.0	
		NR	—		250V				(2)	φ 6.8~ 8.0 φ 9.5~15.0	
		NJW	○								
		NRW	○								
	25 (S Type)	NCS	—		10A	1.8	2,000	3	#14	φ 9.5~11.5	
		NWPC	○		250V				(2)	φ 6.5~14.0	
	25 (G Type)	NCS	—		10A	1.8	2,000	3	#16	φ 9.5~11.5	
		NWPC	○		250V				(1.25)	φ 6.5~14.0	
	30	NCS	—		15A	1.8	2,000	3	#14	φ11.0~13.0	
		NWPC	○		250V				(2)	φ 8.0~18.0	
	40 (S Type)	NCS	—		20A	2	2,000	3	#10	φ15.0~17.0	
		NWPC	○		250V				(5.5)	φ11.0~24.0	
	44 (G Type)	NCS	—							250V	φ15.0~19.0
		NWPC	○								

※1: voltage drop of contact less than 20mV [for electricity of rating] (コンタクト電圧降下20mV以下[定格電流にて])

※2: voltage drop of contact less than 15mV [for electricity of rating] (コンタクト電圧降下15mV以下[定格電流にて])

Look at this illustration from pin insert side (ピンインサート結合面から見た図)

number of contacts コンタクト数	shell size シェルサイズ	series シリーズ	water proof 防水性	contact arrangement コンタクト配列	rating 定格	withstand voltage 耐電圧 (KV)	insulation resistance 絶縁抵抗 (more than MΩ)	contact resistance 接触抵抗 (less than mΩ)	A.W.G (mm ²)	outer diameter of cable used 使用ケーブル外径 (mm)			
6	25 (S Type)	NCS	—		10A	1.8	2,000	3	#14	φ 9.5~11.5			
		NWPC	○		250V				(2)	φ 6.5~14.0			
	25 (G Type)	NCS	—		5A	1.8	2,000	3	#16	φ 9.5~11.5			
		NWPC	○		250V				(1.25)	φ 6.5~14.0			
	30 (S Type)	NCS	—		15A	1.8	2,000	3	#14	φ11.0~13.0			
		NWPC	○		250V				(2)	φ 8.0~18.0			
	30 (G Type)	NCS	—		10A	1.8	2,000	3	#14	φ11.0~13.0			
		NWPC	○		250V				(2)	φ 8.0~18.0			
	40 (S Type)	NCS	—		20A	2	2,000	3	#10	φ15.0~17.0			
		NWPC	○		250V					φ11.0~24.0			
	44 (G Type)	NCS	—		250V				(5.5)	φ15.0~19.0			
		NWPC	○							φ11.0~24.0			
7	20	NJC	—		10A	1	2,000	3	#16	φ10.0~12.5			
		NR	—		250V				(1.25)	φ 5.5~ 6.3			
		NJW	○							φ 7.0~12.5			
		NRW	○										
	25 (S Type)	NCS	—		10A	1.8	2,000	3	#14	φ 9.5~11.5			
		NWPC	○		250V				(2)	φ 6.5~14.0			
	25 (G Type)	NCS	—		5A	1.8	2,000	3	#16	φ 9.5~11.5			
		NWPC	○		250V				(1.25)	φ 6.5~14.0			
	30 (7H)	NCS	—		7A	1.5	2,000	3	#16	φ11.0~13.0			
		NWPC	○		250V				(1.25)	φ 8.0~18.0			
	30 (S Type)	NCS	—		15A	1.8	2,000	3	#14	φ11.0~13.0			
		NWPC	○		250V				(2)	φ 8.0~18.0			

Look at this illustration from pin insert side (ピンインサート結合面から見た図)

number of contacts コンタクト数	shell size シェルサイズ	series シリーズ	water proof 防水性	contact arrangement コンタクト配列	rating 定格	withstand voltage 耐電圧 (KV)	insulation resistance 絶縁抵抗 (more than MΩ)	contact resistance 接触抵抗 (less than mΩ)	A.W.G (mm²)	outer diameter of cable used 使用ケーブル外径 (mm)
8	16	NJC	—		3A ※3	0.5	1,000	5	#22 (0.3)	φ 7.0～ 8.5
		NJW	○		φ 4.0～ 4.8 φ 5.7～ 6.8 φ 8.0～11.0					
	25 (S Type)	NCS	—		5A	1.8	2,000	3	#16 (1.25)	φ 9.5～11.5
		NWPC	○	250V	φ 6.5～14.0					
	28	NET	—		15A	1.5	2,000	3	#14 (2)	φ13.6～16.5
		NEW	○	250V	φ 9.0～18.0					
	30 (S Type)	NCS	—		10A	1.8	2,000	3	#14 (2)	φ11.0～13.0
		NWPC	○	250V	φ 8.0～18.0					
	30 (G Type)	NCS	—		5A	1.8	2,000	3	#16 (1.25)	φ11.0～13.0
		NWPC	○	250V	φ 8.0～18.0					
	40 (S Type)	NCS	—		20A	2	2,000	3	#10 (5.5)	φ15.0～17.0
		NWPC	○		φ11.0～24.0					
	44 (G Type)	NCS	—		250V					φ15.0～19.0
		NWPC	○		φ11.0～24.0					
50 (S Type)	NCS	—		25A	2	2,000	3	#12 (3.5)	φ19.0～23.0	
	NWPC	○		φ15.0～28.0						
54 (G Type)	NCS	—		250V					φ19.0～26.0	
	NWPC	○		φ15.0～28.0						
10	20	NJC	—		5A	1	1,000	5	#20 (0.5)	φ10.0～12.5
		NR	—							φ 5.5～ 6.3
		NJW	○		250V					φ 7.0～12.5
		NRW	○							
	24	NJC	—		10A	1	2,000	3	#16 (1.25)	φ11.5～14.0
		NR	—							φ12.6～16.5
		NJW	○		250V					φ 6.8～ 8.0
		NRW	○							φ 9.5～15.0
	40 (S Type)	NCS	—		3-10A	1.8	2,000	3	3-#14 7-#16 (3-2) (7-1.25)	φ15.0～17.0
		NWPC	○		7-5A					φ11.0～24.0
	44 (G Type)	NCS	—		250V					φ15.0～19.0
		NWPC	○							φ11.0～24.0
	50	NT	○		15A	3	5,000	3	#12 (3.5)	φ 8.0～24.0
				600V						
	50 (S Type)	NCS	—		20A	2	2,000	3	#12 (3.5)	φ19.0～23.0
		NWPC	○							φ15.0～28.0
	54 (G Type)	NCS	—		250V					φ19.0～26.0
		NWPC	○							φ15.0～28.0
60 (S Type)	NCS	—		30A	2.5	2,000	3	#8 (8)	φ29.0～33.0	
	NWPC	○		250V					φ21.0～38.0	
60 (G Type)	NCS	—		30A	2	2,000	3	#8 (8)	φ31.0～36.0	
	NWPC	○		250V					φ21.0～38.0	

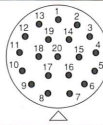
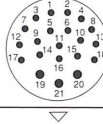
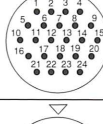
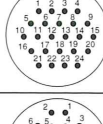
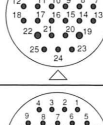
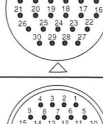
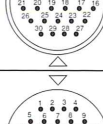
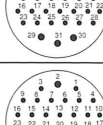
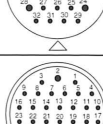
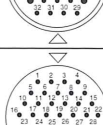
※3 : permit of electricity (許容電流)

Look at this illustration from pin insert side (ピンインサート結合面から見た図)

number of contacts コンタクト数	shell size シェルサイズ	series シリーズ	water proof 防水性	contact arrangement コンタクト配列	rating 定格	withstand voltage 耐電圧 (KV)	insulation resistance 絶縁抵抗 (more than MΩ)	contact resistance 接触抵抗 (less than mΩ)	A.W.G (mm ²)	outer diameter of cable used 使用ケーブル外径 (mm)
12	20	NJC	—		5A	1	1,000	5	#20 (0.5)	φ10.0~12.5
		NR	—		250V					φ 5.5~ 6.3
		NJW	○							φ 7.0~12.5
		NRW	○							
	40 (S Type)	NCS	—		3-10A	1.8	2,000	3	3-#14 9-#16 (3-2) (9-1.25)	φ15.0~17.0
		NWPC	○		9-5A					φ11.0~24.0
	44 (G Type)	NCS	—		250V					φ15.0~19.0
		NWPC	○							φ11.0~24.0
13	30 (S Type)	NCS	—		5A	1.5	2,000	3	#16 (1.25)	φ11.0~13.0
		NWPC	○		250V					φ 8.0~18.0
14	20	NJC	—		3A	0.5	1,000	5	#22 (0.3)	φ10.0~12.5
		NR	—		※3					φ 5.5~ 6.3
		NJW	○							φ 7.0~12.5
		NRW	○							
	24	NJC	—		5A	1	1,000	5	#20 (0.5)	φ11.5~14.0
		NR	—		250V					φ12.6~16.5
		NJW	○							φ 6.8~ 8.0
		NRW	○							φ 9.5~15.0
15	50	NT	○		5A	2.5	5,000	3	#14 (2)	φ 8.0~24.0
					400V					
	50 (S Type)	NCS	—		15A	2	2,000	3	#12 (3.5)	φ19.0~23.0
		NWPC	○		250V					φ15.0~28.0
	54 (G Type)	NCS	—		15A	2.5	2,000	3	#12 (3.5)	φ19.0~26.0
		NWPC	○		250V					φ15.0~28.0
	60 (S Type)	NCS	—		15A	2.5	2,000	3	#12 (3.5)	φ29.0~33.0
		NWPC	○		250V					φ21.0~38.0
	60 (G Type)	NCS	—		15A	2	2,000	3	#12 (3.5)	φ29.0~33.0
		NWPC	○		250V					φ21.0~38.0
16	24	NJC	—		5A	1	1,000	5	#20 (0.5)	φ11.5~14.0
		NR	—		250V					φ12.6~16.5
		NJW	○							φ 6.8~ 8.0
		NRW	○							φ 9.5~15.0
	28	NJC	—		10A	1	2,000	3	#16 (1.25)	φ13.6~16.5
		NJW	○		250V					φ 9.0~18.0
		NRW	○							
	40 (S Type)	NCS	—		3-10A	1.8	2,000	3	3-#14 13-#16 (3-2) (13-1.25)	φ15.0~17.0
		NWPC	○		13-5A					φ11.0~24.0
	44 (G Type)	NCS	—		250V					φ15.0~19.0
		NWPC	○							φ11.0~24.0

※3 : permit of electricity (許容電流)

Look at this illustration from pin insert side (ピンインサート結合面から見た図)

number of contacts コンタクト数	shell size シェルサイズ	series シリーズ	water proof 防水性	contact arrangement コンタクト配列	rating 定格	withstand voltage 耐電圧 (KV)	insulation resistance 絶縁抵抗 (more than MΩ)	contact resistance 接触抵抗 (less than mΩ)	A.W.G (mm ²)	outer diameter of cable used 使用ケーブル外径 (mm)				
20	40 (S Type)	NCS	—		5A	1.8	2,000	3	#16 (1.25)	φ15.0~17.0				
		NWPC	○		250V					φ11.0~24.0				
	44 (G Type)	NCS	—		250V					φ15.0~19.0				
		NWPC	○							φ11.0~24.0				
21	24	NJC	—		3-6A 18-3A ※3	0.5	1,000	5	3-#18 18-#22 (3-0.75) (18-0.3)	φ11.5~14.0				
		NR	—							φ12.6~16.5				
		NJW	○							φ 6.8~ 8.0				
		NRW	○							φ 9.5~15.0				
24	24	NJC	—		3A ※3	0.5	1,000	5	#22 (0.3)	φ11.5~14.0				
		NR	—							φ12.6~16.5				
		NJW	○							φ 6.8~ 8.0				
		NRW	○							φ 9.5~15.0				
	28	NJC	—		5A	1	1,000	5	#20 (0.5)	φ13.6~16.5				
		NJW	○		250V					φ 9.0~18.0				
25	50 (S Type)	NCS	—		4-15A	1.8	2,000	3	4-#12 21-#14 (4-3.5) (21-2)	φ19.0~23.0				
		NWPC	○		21-5A					φ15.0~28.0				
	54 (G Type)	NCS	—		250V					φ19.0~26.0				
		NWPS	○							φ15.0~28.0				
30	60 (S Type)	NCS	—		5A	1.8	2,000	3	#14 (2)	φ29.0~33.0				
		NWPC	○		250V					φ21.0~38.0				
	60 (G Type)	NCS	—		5A	1.5	2,000	3	#14 (2)	φ29.0~33.0				
		NWPC	○		250V					φ21.0~38.0				
31	28	NJC	—		3-6A 28-3A ※3	0.5	1,000	5	3-#18 28-#22 (3-0.75) (28-0.3)	φ13.6~16.5				
		NJW	○							φ 9.0~18.0				
		NRW	○											
32	60 (S Type)	NCS	—		3-15A	1.8	2,000	3	3-#12 29-#14 (3-3.5) (29-2)	φ29.0~33.0				
		NWPC	○		29-5A					φ21.0~38.0				
	60 (G Type)	NCS	—		3-15A	1.5	2,000	3	3-#12 29-#14 (3-3.5) (29-2)	φ29.0~33.0				
		NWPC	○		29-5A					φ21.0~38.0				
37	28	NJC	—		3A ※3	0.5	1,000	5	#22 (0.3)	φ13.6~16.5				
		NJW	○							φ 9.0~18.0				
		NRW	○											
40	60 (S Type)	NCS	—		5A	1.8	2,000	3	#14 (2)	φ29.0~33.0				
		NWPC	○		250V					φ21.0~38.0				

※3 : permit of electricity (許容電流)

NJC and NR Series Connectors

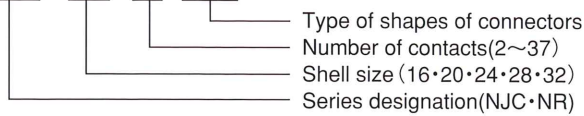
Feature

1. The 5-key system guide makes for smooth combination.
2. A one-touch lock mechanism is used in the combination system.[NR]
3. This product has received standards certification.

(Refer to page 4)

Order Cording (形名構成)

NJC-20 7-P M



In case UL•CSA & TÜV certified product is specified

Example: NJC-202-PM <UL•CSA>

Example: NJC-202-PM <TÜV>

NJC Please see page 19 for accessories(caps, L seat, etc)

特長

1. 5本キー方式のガイドにより結合がスムーズ
2. 結合方式にワンタッチロック機構を採用[NR]
3. 規格取得品あり(4ページ参照)

コネクタ形状

コンタクト数

シェルサイズ

シリーズ名称

UL•CSA認定品とTÜV認定品ご指定の場合

例: NJC-202-PM <UL•CSA品>

例: NJC-202-PM <TÜV品>

アクセサリ (キャップ・L座等) は19ページを参照して下さい。

Plug 	PF	S Type	*Number of contacts	A	B		
		NJC-16*-PF	3, 5, 8	22	46		
		NJC-20*-PF	2, 3, 4, 5, 7, 10, 12, 14	26	50		
		NJC-24*-PF	2, 3, 4, 5, 10, 14, 16, 21, 24	30	54		
		NJC-28*-PF	16, 24, 31, 37	34	57.2		
		NJC-32*-PF	3, 4	44	83		
		G Type	*Number of contacts	A	B		
		NJC-16*-PM	3, 5, 8	22	46		
		NJC-20*-PM	2, 3, 4, 5, 7, 10, 12, 14	26	50		
		NJC-24*-PM	2, 3, 4, 5, 10, 14, 16, 21, 24	30	54		
Receptacle 	RM	S Type	*Number of contacts	A	B	D	E
		NJC-16*-RM	3, 5, 8	16	29.7	20	26
		NJC-20*-RM	2, 3, 4, 5, 7, 10, 12, 14	20	29.7	23	29
		NJC-24*-RM	2, 3, 4, 5, 10, 14, 16, 21, 24	24	30.7	26	32
		NJC-28*-RM	16, 24, 31, 37	28	27.7	29	35
		NJC-32*-RM	3, 4	32	39.1	36	45
		G Type	*Number of contacts	A	B	D	E
		NJC-16*-RF	3, 5, 8	16	29.7	20	26
		NJC-20*-RF	2, 3, 4, 5, 7, 10, 12, 14	20	29.7	23	29
		NJC-24*-RF	2, 3, 4, 5, 10, 14, 16, 21, 24	24	31	26	32
Adapter(Jack) 	AdM	S Type	*Number of contacts	A	B		
		NJC-16*-AdM	3, 5, 8	22	46		
		NJC-20*-AdM	2, 3, 4, 5, 7, 10, 12, 14	26	50		
		NJC-24*-AdM	2, 3, 4, 5, 10, 14, 16, 21, 24	29	54		
		NJC-28*-AdM	16, 24, 31, 37	34	57		
		NJC-32*-AdM	3, 4	44	85.5		
		G Type	*Number of contacts	A	B		
		NJC-16*-AdF	3, 5, 8	22	46		
		NJC-20*-AdF	2, 3, 4, 5, 7, 10, 12, 14	26	50		
		NJC-24*-AdF	2, 3, 4, 5, 10, 14, 16, 21, 24	29	54		
Adapter with flange(Panel Jack) 	Ad(F)M	S Type	*Number of contacts	B	D	E	
		NJC-16*-Ad(F)M	3, 5, 8	46.2	20	26	
		NJC-20*-Ad(F)M	2, 3, 4, 5, 7, 10, 12, 14	50	23	29	
		NJC-24*-Ad(F)M	2, 3, 4, 5, 10, 14, 16, 21, 24	54.3	26	32	
		NJC-28*-Ad(F)M	16, 24, 31, 37	56.7	29	35	
		NJC-32*-Ad(F)M	3, 4	83.5	36	45	
		G Type	*Number of contacts	B	D	E	
		NJC-16*-Ad(F)F	3, 5, 8	46.2	20	26	
		NJC-20*-Ad(F)F	2, 3, 4, 5, 7, 10, 12, 14	50	23	29	
		NJC-24*-Ad(F)F	2, 3, 4, 5, 10, 14, 16, 21, 24	54.3	26	32	

●Material and Finish

●材質及び処理

	Material (材質)	Finish (処理)
Shell (シェル)	Zinc alloy (亜鉛合金)	Crape chrome plating (梨地クロムめっき)
	Aluminum alloy (アルミ合金) [Shell size 28・32]	
Insulator (絶縁体)	Synthetic resin (合成樹脂)	—
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)
		Gold plating (金めっき)※

●Cable termination : Soldering

●結線方式 : はんだ付け

●Operating temperature range (使用温度範囲)

※Gold plating contact (金めっきコンタクト)

Shell size シェルサイズ	Number of contacts コンタクト数	Operating temperature range 使用温度範囲
16	3, 5	−25 ~ +85℃
	8	−25 ~ +60℃
20	2, 3, 4, 5	−40 ~ +100℃
	7, 10, 12	−25 ~ +85℃
	14	−25 ~ +60℃
24	2, 3, 4, 5	−40 ~ +100℃
	10, 14, 16	−25 ~ +85℃
	21, 24	−25 ~ +60℃
28	16, 24	−25 ~ +85℃
	31, 37	−25 ~ +60℃
32	3, 4	−40 ~ +100℃

Shell size シェルサイズ	Number of contacts コンタクト数
16	8
20	14
24	21, 24
28	31, 37

NR Please see page 19 for accessories(caps, L seat, etc) アクセサリー (キャップ・L座等)は19ページを参照して下さい。

Plug

PF

S Type	*Number of contacts	A	B
NR-20*-PF	2, 3, 4, 5, 7, 10, 12, 14	26	50
NR-24*-PF	2, 3, 4, 5, 10, 14, 16, 21, 24	31	55.5

PM

G Type	*Number of contacts	A	B
NR-20*-PM	2, 3, 4, 5, 7, 10, 12, 14	26	50
NR-24*-PM	2, 3, 4, 5, 10, 14, 16, 21, 24	31	55.5

Receptacle

RM

S Type	*Number of contacts	A	B	D	E
NR-20*-RM	2, 3, 4, 5, 7, 10, 12, 14	20	29.8	23	29
NR-24*-RM	2, 3, 4, 5, 10, 14, 16, 21, 24	24	31.5	26	32

RF

G Type	*Number of contacts	A	B	D	E
NR-20*-RF	2, 3, 4, 5, 7, 10, 12, 14	20	29.8	23	29
NR-24*-RF	2, 3, 4, 5, 10, 14, 16, 21, 24	24	31.7	26	32

Adapter(Jack)

AdM

S Type	*Number of contacts	A	B
NR-20*-AdM	2, 3, 4, 5, 7, 10, 12, 14	25	48.5
NR-24*-AdM	2, 3, 4, 5, 10, 14, 16, 21, 24	32	54.3

AdF

G Type	*Number of contacts	A	B
NR-20*-AdF	2, 3, 4, 5, 7, 10, 12, 14	25	48.5
NR-24*-AdF	2, 3, 4, 5, 10, 14, 16, 21, 24	32	54.3

Adapter with flange(Panel Jack)

Ad(F)M

S Type	*Number of contacts	B	D	E
NR-20*-Ad(F)M	2, 3, 4, 5, 7, 10, 12, 14	48.5	23	29
NR-24*-Ad(F)M	2, 3, 4, 5, 10, 14, 16, 21, 24	54.3	26	32

Ad(F)F

G Type	*Number of contacts	B	D	E
NR-20*-Ad(F)F	2, 3, 4, 5, 7, 10, 12, 14	48.5	23	29
NR-24*-Ad(F)F	2, 3, 4, 5, 10, 14, 16, 21, 24	54.3	26	32

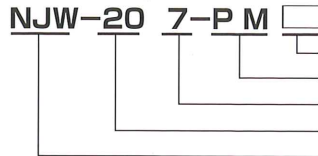
NJW and NRW Series Connectors

Feature

1. The 5-key system guide makes for smooth combination.
2. A one-touch lock mechanism is used in the combination system.[NRW]
3. This product has received standards certification.

Order Cording (形名構成)

(Refer to page 4)

NJW-20 7-P M 

Symbol representing the outer diameter of the cable used
Type of shapes of connectors
Number of contacts(2~37)
Shell size (16・20・24・28・32)
Series designation(NJW・NRW)

使用ケーブル外径を表す記号
コネクタ形状
コンタクト数
シェルサイズ
シリーズ名称

In case UL・CSA & TÜV certified product is specified

(NJW) Example: NJW-202-PM8 〈UL・CSA〉

(NRW) Example: NRW-202-PM8 〈UL・CSA TÜV〉

特長

1. 5本キー方式のガイドにより結合がスムーズ
2. 結合方式にワンタッチロック機構を採用[NRW]
3. 規格取得品あり(4ページ参照)

UL・CSA 認定品とTÜV認定品ご指定の場合

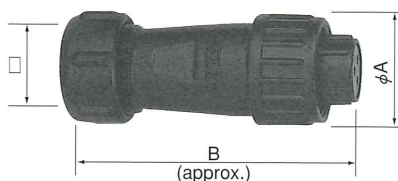
例: NJW-202-PM8 〈UL・CSA 品〉

例: NRW-202-PM8 〈UL・CSA TÜV〉

アクセサリ (キャップ・L座等) は19ページを参照して下さい。

NJW

Please see page 19 for accessories(caps, L seat, etc)

Plug 	PF	S Type	*Number of contacts	A			B	
		NJW-16*-PF	3, 5, 8	22	Noted elsewhere	58		
		NJW-20*-PF	2, 3, 4, 5, 7, 10,12,14	26		60		
		NJW-24*-PF	2,3,4,5,10,14,16,21,24	30		67		
		NJW-28*-PF	16, 24, 31, 37	34		72		
		NJW-32*-PF	3, 4	44		101		
		PM	G Type	*Number of contacts	A			B
			NJW-16*-PM	3, 5, 8	22	Noted elsewhere	58	
			NJW-20*-PM	2, 3, 4, 5, 7, 10,12,14	26		60	
			NJW-24*-PM	2,3,4,5,10,14,16,21,24	30		67	
NJW-28*-PM	16, 24, 31, 37		34	72				
NJW-32*-PM	3, 4		44	101				

Receptacle	RM	S Type	*Number of contacts	A	B	D	E	
NJW-16*-RM	3, 5, 8	16	29.7	20	26			
NJW-20*-RM	2, 3, 4, 5, 7, 10,12,14	20	29.6	23	29			
NJW-24*-RM	2,3,4,5,10,14,16,21,24	24	30.5	26	32			
NJW-28*-RM	16, 24, 31, 37	28	28.5	29	35			
NJW-32*-RM	3, 4	32	39.1	36	45			
RF	G Type	*Number of contacts	A	B	D	E		
NJW-16*-RF	3, 5, 8	16	29.7	20	26			
NJW-20*-RF	2, 3, 4, 5, 7, 10,12,14	20	29.6	23	29			
NJW-24*-RF	2,3,4,5,10,14,16,21,24	24	30.7	26	32			
NJW-28*-RF	16, 24, 31, 37	28	28.2	29	35			
NJW-32*-RF	3, 4	32	39.1	36	45			
Adapter(Jack)	AdM	S Type	*Number of contacts	A			B	
NJW-16*-AdM	3, 5, 8	22	Noted elsewhere	58				
NJW-20*-AdM	2, 3, 4, 5, 7, 10,12,14	26	60					
NJW-24*-AdM	2,3,4,5,10,14,16,21,24	29	67					
NJW-28*-AdM	16, 24, 31, 37	34	72					
NJW-32*-AdM	3, 4	44	103					
AdF	G Type	*Number of contacts	A			B		
NJW-16*-AdF	3, 5, 8	22	Noted elsewhere	58				
NJW-20*-AdF	2, 3, 4, 5, 7, 10,12,14	26	60					
NJW-24*-AdF	2,3,4,5,10,14,16,21,24	29	67					
NJW-28*-AdF	16, 24, 31, 37	34	72					
NJW-32*-AdF	3, 4	44	103					
Adapter with flange(Panel Jack)	Ad(F)M	S Type	*Number of contacts	B			D	E
NJW-16*-Ad(F)M	3, 5, 8	58	Noted elsewhere	20	26			
NJW-20*-Ad(F)M	2, 3, 4, 5, 7, 10,12,14	62	23	29				
NJW-24*-Ad(F)M	2,3,4,5,10,14,16,21,24	67	26	32				
NJW-28*-Ad(F)M	16, 24, 31, 37	72	29	35				
NJW-32*-Ad(F)M	3, 4	101	36	45				
Ad(F)F	G Type	*Number of contacts	B			D	E	
NJW-16*-Ad(F)F	3, 5, 8	58	Noted elsewhere	20	26			
NJW-20*-Ad(F)F	2, 3, 4, 5, 7, 10,12,14	62	23	29				
NJW-24*-Ad(F)F	2,3,4,5,10,14,16,21,24	67	26	32				
NJW-28*-Ad(F)F	16, 24, 31, 37	72	29	35				
NJW-32*-Ad(F)F	3, 4	101	36	45				

●Material and Finish(NJW)

	Material (材質)	Finish (処理)
Shell (シェル)	Zinc alloy (亜鉛合金)	Specially chemical finish (特殊化学処理)
	Aluminum alloy (アルミ合金) [Shell size 28・32]	
Insulator (絶縁体)	Synthetic resin (合成樹脂)	
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)
		Gold plating (金めっき)※
Packing (パッキン)	Synthetic rubber (合成ゴム)	

●材質及び処理

●Material and Finish(NRW)

	Material (材質)	Finish (処理)
Shell (シェル)	Synthetic resin (合成樹脂)	
Insulator (絶縁体)	Synthetic resin (合成樹脂)	
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)
		Gold plating (金めっき)※
Packing (パッキン)	Synthetic rubber (合成ゴム)	

●材質及び処理

●Cable termination : Soldering

●結線方式 : はんだ付け

●Water resistance : Water pressure 40kPa 24hrs.

●防水性 : 水圧下 40kPa 24時間

□ Symbol representing the outer diameter of the cable used (使用ケーブル外径を表す記号)

Shell size	Symbol □	Outer diameter of cable	Shell size	Symbol □	Outer diameter of cable
16	★5	φ 4.0~φ 4.8	28	★10	φ 9.0~φ 10.9
	★7	φ 5.7~φ 6.8		★12	φ 11.0~φ 12.4
	★8	φ 6.9~φ 7.9		14	φ 12.5~φ 14.0
	9	φ 8.0~φ 9.4		16	φ 14.1~φ 16.0
	11	φ 9.5~φ 11.0		18	φ 16.1~φ 18.0
20	★6	φ 5.5~φ 6.3	32	★16	φ 11.5~φ 16.0
	8	φ 7.0~φ 8.5		★20	φ 15.5~φ 20.0
	10	φ 8.6~φ 10.5			
	12	φ 10.6~φ 12.5			
24	★8	φ 6.8~φ 8.0			
	11	φ 9.5~φ 11.0			
	13	φ 11.1~φ 13.0			
	15	φ 13.1~φ 15.0			

★UL CSA Standard is not acquired (UL CSA規格を取得しておりません)

●Operating temperature range (使用温度範囲)

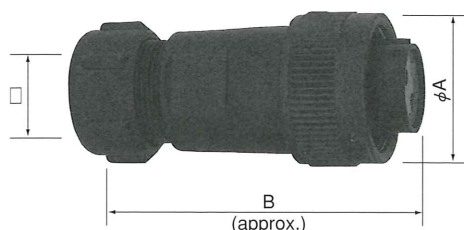
Shell size	Number of contacts	Operating
16	3, 5	-25~+ 85°C
	8	-25~+ 60°C
20	2, 3, 4, 5, 7, 10, 12	-25~+ 85°C
	14	-25~+ 60°C
24	2, 3, 4, 5, 10, 14, 16	-25~+ 85°C
	21, 24	-25~+ 60°C
28	16, 24	-25~+ 85°C
	31, 37	-25~+ 60°C
32	3, 4	-25~+ 85°C

※Gold plating contact (金めっきコンタクト)

Shell size	Number of contacts
16	8
20	14
24	21, 24
28	31, 37

NRW Please see page 19 for accessories(caps, L seat, etc) アクセサリー(キャップ・L座等)は19ページを参照して下さい。

Plug



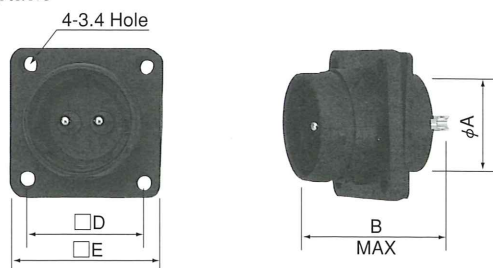
PF

S Type	*Number of contacts	A	□	B
NRW-20*-PF□	2, 3, 4, 5, 7, 10, 12, 14	28.5	Noted elsewhere	60
NRW-24*-PF□	2, 3, 4, 5, 10, 14, 16, 21, 24	34.1		75
NRW-28*-PF□	16, 24, 31, 37	40.7		82

PM

G Type	*Number of contacts	A	□	B
NRW-20*-PM□	2, 3, 4, 5, 7, 10, 12, 14	28.5	Noted elsewhere	60
NRW-24*-PM□	2, 3, 4, 5, 10, 14, 16, 21, 24	34.1		75
NRW-28*-PM□	16, 24, 31, 37	40.7		82

Receptacle



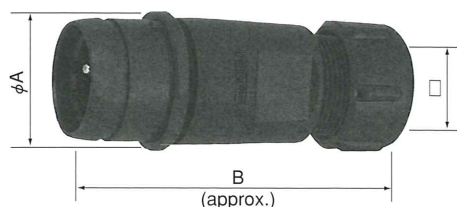
RM

S Type	*Number of contacts	A	B	D	E
NRW-20*-RM	2, 3, 4, 5, 7, 10, 12, 14	20	32	23	30
NRW-24*-RM	2, 3, 4, 5, 10, 14, 16, 21, 24	24	33	26	33
NRW-28*-RM	16, 24, 31, 37	28	30.8	29	36

RF

G Type	*Number of contacts	A	B	D	E
NRW-20*-RF	2, 3, 4, 5, 7, 10, 12, 14	20	32	23	30
NRW-24*-RF	2, 3, 4, 5, 10, 14, 16, 21, 24	24	33.2	26	33
NRW-28*-RF	16, 24, 31, 37	28	30.5	29	36

Adapter(Jack)



AdM

S Type	*Number of contacts	A	□	B
NRW-20*-AdM□	2, 3, 4, 5, 7, 10, 12, 14	26	Noted elsewhere	60
NRW-24*-AdM□	2, 3, 4, 5, 10, 14, 16, 21, 24	32.2		77
NRW-28*-AdM□	16, 24, 31, 37	37.1		83

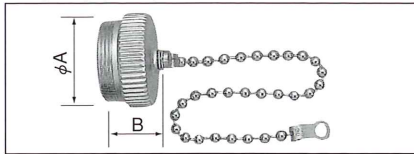
AdF

G Type	*Number of contacts	A	□	B
NRW-20*-AdF□	2, 3, 4, 5, 7, 10, 12, 14	26	Noted elsewhere	60
NRW-24*-AdF□	2, 3, 4, 5, 10, 14, 16, 21, 24	32.2		77
NRW-28*-AdF□	16, 24, 31, 37	37.1		83

Accessories

NJC

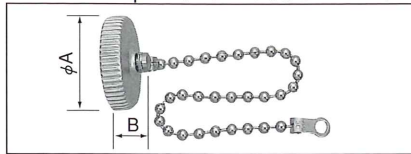
Plug cap(PCa)



Shell size	A	B
NJC-16	22	19
NJC-20	25	19
NJC-24	29	18.7
NJC-28	33	19
NJC-32	44	31

Receptacle cap(RCa)

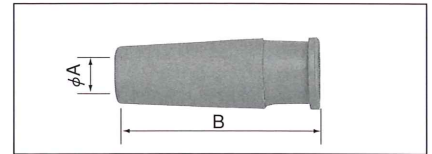
Also for adapter (アダプタ用もかねる)



Shell size	A	B
NJC-16	22	11.5
NJC-20	25	11.5
NJC-24	29	12
NJC-28	33	12.5
NJC-32	44	20

Cable bushing (CB) NJC・NR

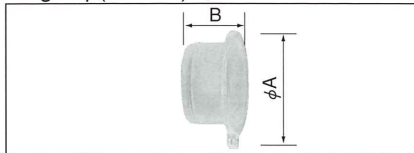
NJC-20-CB service also for NR-20
(NJC-20のCBはNR-20もかねる)



Shell size	A	B
NJC-20	7.5~9.5	41
NJC-24	9.5~11	41.5
NR-24	9 11	8~10 10.1~12.5

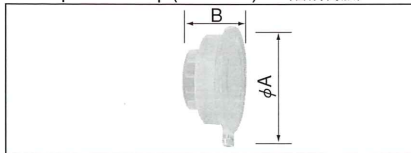
NR

Plug cap(PCa・1) Synthetic resin (合成樹脂)



Shell size	A	B
NR-20	26	12.5

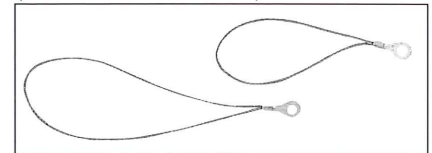
Receptacle cap(RCa・1) Synthetic resin (合成樹脂)



Shell size	A	B
NR-20	28.5	12.5

Rope (ロープ)

The rope for attaching the cap
(キャップ取付け用ロープ)

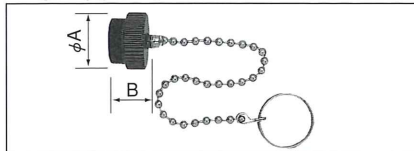


L60	RCa・1 (Receptacle Cap) 用
L90	PCa・1 (Plug Cap Adapter Cap) 用

※The rope for attaching the cap is sold separately. (※キャップ取付け用ロープは別売品です。)

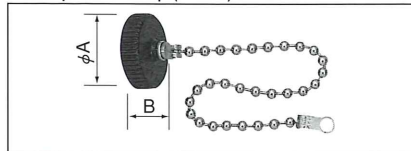
NJW

Plug cap(PCa)



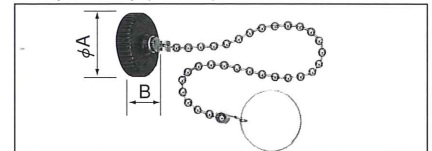
Shell size	A	B
NJW-16	22	19
NJW-20	25	19
NJW-24	29	18.7
NJW-28	33	19
NJW-32	44	31

Receptacle cap(RCa)



Shell size	A	B
NJW-16	22	11.5
NJW-20	25	11.5
NJW-24	29	12
NJW-28	33	12.5
NJW-32	44	20

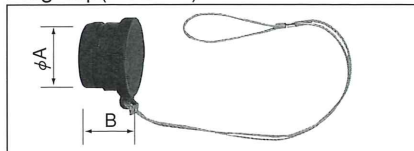
Adapter cap(AdCa)



Shell size	A	B
NJW-16	22	11.5
NJW-20	25	11.5
NJW-24	29	12
NJW-28	33	12.5

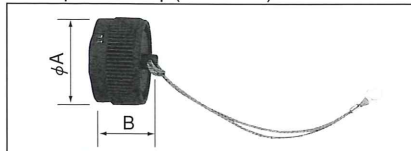
NRW

Plug cap(PCa・1)



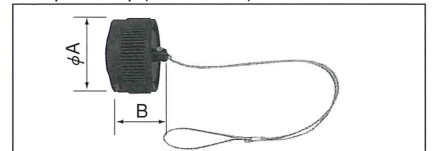
Shell size	A	B
NRW-20	26	16.5
NRW-24	31	16.5
NRW-28	40	17.6

Receptacle cap(RCa・1)



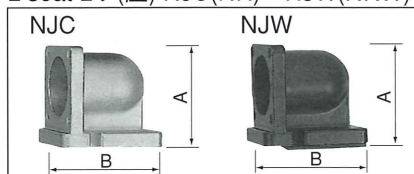
Shell size	A	B
NRW-20	28.5	22
NRW-24	34.1	26.5

Adapter cap(AdCa・1)



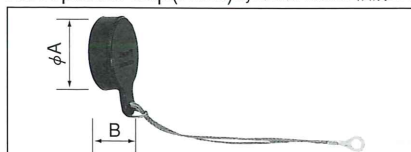
Shell size	A	B
NRW-20	28.5	22
NRW-24	34.1	26.5

L seat Lザ(座) NJC(NR)・NJW(NRW)



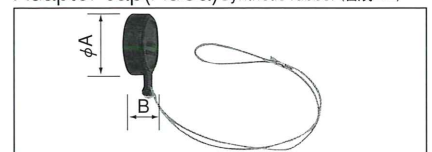
Shell size	A	B
16	27.5	36.9
20	32.3	38.4
24	36	44.5
28	40	46.8

Receptacle cap(RCa) Synthetic rubber (合成ゴム)



Shell size	A	B
NRW-20	26	8.5
NRW-24	31	8.5
NRW-28	35.4	10.5

Adapter cap(AdCa) Synthetic rubber (合成ゴム)



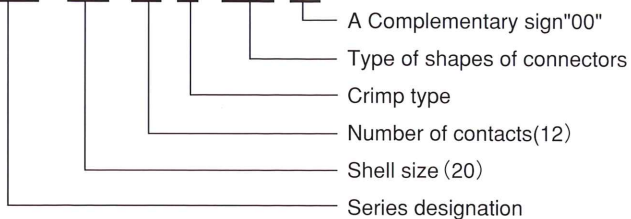
Shell size	A	B
NRW-20	26	9
NRW-24	31	9
NRW-28	35.4	10.5

※Except for NRW-16 (※NR・NRW-16は除く)

Crimp type

Order Cording (形名構成)

NJC-20 12 C-PM ※



補助記号「00」

コネクタの形状

クリンプタイプ

コンタクト数

シェルサイズ

シリーズ名称

※Contact (コンタクト)



CC0101-F
Female Contact
(メスコンタクト)



CC0101-M
Male Contact
(オスコンタクト)

The purchase only of contact: 1 lot increases with 12 of then.
注) コンタクトのみのご購入: 1ロットは12本

※The contact is sold separately with this type. Therefore, add supplementary symbol "00" if you desire one with a contact.
※このタイプは、コンタクトが別売りとなっておりますのでコンタクト付きを希望される場合は、補助記号「00」を追加してください。

●Electrical performance (電気的性能)

Rating (定格)	5A 250V
Withstand voltage (耐電圧)	AC 1,000V
Contact resistance (接触抵抗)	5mΩ or less (1分間)
Insulation resistance (絶縁抵抗)	1,000MΩ or more
AWG	#20 or #22

●Material and Finish

	Material (材質)	Finish (処理)
Shell (シェル)	Zinc alloy (亜鉛合金)	Crape chrome plating (梨地クロムめっき)
Insulator (絶縁体)	Synthetic resin (合成樹脂)	
Contact (コンタクト)	Copper alloy (銅合金)	Gold plating (金めっき)

●材質及び処理

●Working temperature range : -25°C to +85°C

●使用温度範囲 : -25°C ~ +85°C

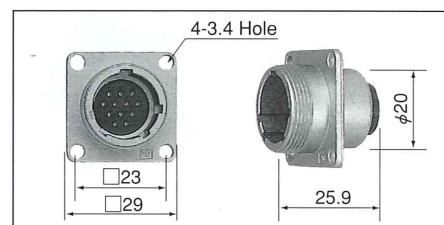
Plug

S Type
NJC-2012C-PF
G Type
NJC-2012C-PM



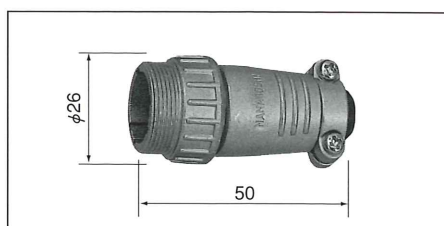
Receptacle

S Type
NJC-2012C-RM
G Type
NJC-2012C-RF



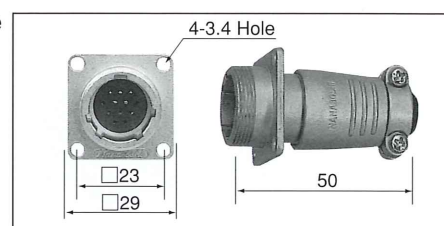
Adapter (Jack)

S Type
NJC-2012C-AdM
G Type
NJC-2012C-AdF



Adapter with frange (Panel Jack)

S Type
NJC-2012C-Ad(F)M
G Type
NJC-2012C-Ad(F)F



Crimp tool unit for NJC-2012C (NJC-2012C用圧着工具)

M22520/1-01
Crimp tool body
(圧着工具本体)



CL01-#20
Locator
(ロケーター)



M22520/3-1
Gauge
(ゲージ)



CR-01
Removable tool
(引抜き工具)



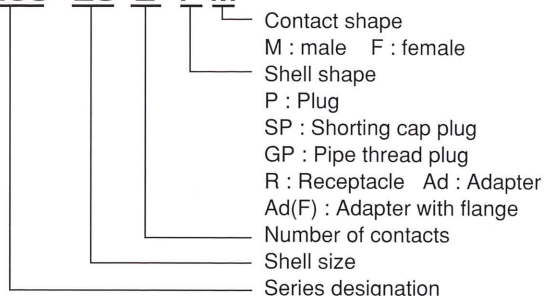
NCS Series Connectors ■ Best selling Round Type Connectors

Feature

1. Basic type of round connectors usable for all kinds of circuits.
2. Solid and simple construction provides mechanical and electrical stability.
3. Thermosetting epoxy resins have been employed for insulators.
4. Seven kinds of shell size and various shell type are available for a variety of applications.

Order Cording (形名構成)

NCS-25 2-P M



特長

1. メタルコネクタの基本形で様々な回路に使用
2. 堅牢で単純な構造のため機械的・電氣的に安定
3. 絶縁体は熱硬化性エポキシ樹脂を使用
4. 広い範囲の用途を対象に7種のシェルサイズと多数のシェルタイプを用意

● Material and Finish

	Material (材質)	Finish (処理)
Shell (シェル)	Zinc alloy die casting or Brass (亜鉛ダイカスト又は黄銅)	Chrome plating (クロムめっき)
Insulator (絶縁体)	Epoxy resin (エポキシ樹脂)	—
Contact (コンタクト)	Copper alloy (銅合金)	Nickel, Silver or Gold plating (ニッケル、銀又は金めっき)

● 材質及び処理

● Cable termination : Soldering

結線方式 : はんだ付け

● Temperature tolerance level : -40°C to +120°C

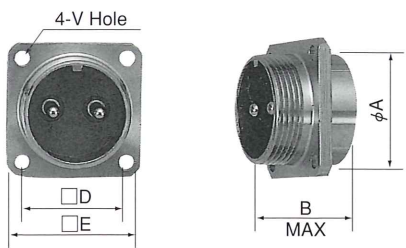
使用許容温度範囲 : -40°C ~ +120°C

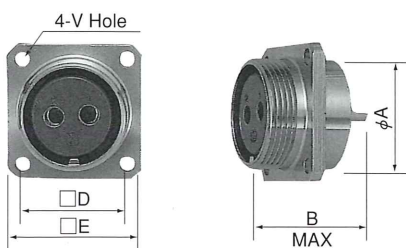
Plug 	S Type	*Number of contacts	A	B
	NCS-14*-P	1	17.5	41
	NCS-14*-P	2	17.5	42.5
	NCS-16*-P	1	21.5	43.5
	NCS-16*-P	2, 3, 4	21.5	44.5
	NCS-25*-P	2, 3, 4, 5, 6, 7, 8	28.5	50
	NCS-30*-P	2, 3, 4, 5, 6, 7, 8, 13	34	55
	NCS-40*-P	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	46	69
	NCS-50*-P	2, 3	57	100
	NCS-50*-P	4, 8, 10, 15, 25	57	90
	NCS-60*-P	2, 3, 4	67	115
	NCS-60*-P	10, 15, 30, 32, 40	67	105

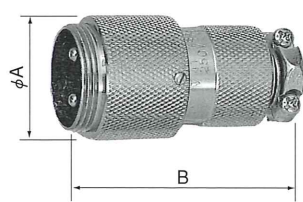
Plug 	G Type	*Number of contacts	A	B
	NCS-16*-PM	2, 3	21.5	44.5
	NCS-25*-PM	2, 3, 4, 5, 6, 7	28.5	50.5
	NCS-30*-PM	2, 3, 4, 5, 6, 8	34	57
	NCS-44*-PM	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	52	70
	NCS-54*-PM	2, 3	65	112
	NCS-54*-PM	4, 8, 10, 15, 25	65	102
	NCS-64*-PM	2, 3, 4	78	116
	NCS-60*-PM	10, 15, 30, 32	67	107

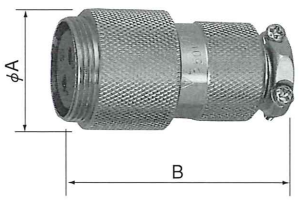
Receptacle 	S Type	*Number of contacts	A	B	D	E
	NCS-14*-R	1	14	27.5	23	31
	NCS-14*-R	2	14	24	23	31
	NCS-16*-R	1	16	27.5	24	32
	NCS-16*-R	2, 3, 4	16	23	24	32
	NCS-25*-R	2, 3, 4, 5, 6, 7, 8	25	26	34	42
	NCS-30*-R	2, 3, 4, 5, 6, 7, 8, 13	30	29	38	46
	NCS-40*-R	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	40	35.5	50	58
	NCS-50*-R	4, 8, 10, 15, 25	50	45	60	68

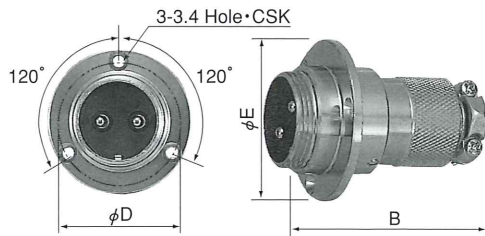
Receptacle 	G Type	*Number of contacts	A	B	D	E
	NCS-16*-RF	2, 3	16	23.5	24	32
	NCS-25*-RF	2, 3, 4, 5, 6, 7	25	27	34	42
	NCS-30*-RF	2, 3, 4, 5, 6, 8	30	30	38	46
	NCS-44*-RF	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	44	41	56	64

Receptacle(Square flange) 	S Type	*Number of contacts	A	B	D	E	V
	NCS-25*-R(カク) (Square)	2, 3, 4, 5, 6, 7, 8	25	26	24	31	3.5
	NCS-50*-R	2, 3	50	54.3	48	60	5.5
	NCS-50*-R(カク) (Square)	4, 8, 10, 15, 25	50	45	48	60	
	NCS-60*-R	2, 3, 4	60	56.3	56	70	
	NCS-60*-R	10, 15, 30, 32, 40	60	43	56	70	

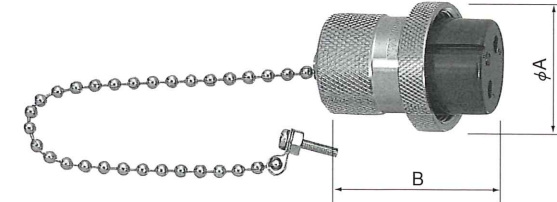
Receptacle(Square flange) 	G Type	*Number of contacts	A	B	D	E	V
	NCS-25*-RF(カク) (Square)	2, 3, 4, 5, 6, 7	25	27	24	31	3.5
	NCS-54*-RF	2, 3	54	54	52	66	5.5
	NCS-54*-RF	4, 8, 10, 15, 25	54	46.7	52	66	
	NCS-64*-RF	2, 3, 4	64	56	62	76	
	NCS-60*-RF	10, 15, 30, 32	60	48.5	56	70	

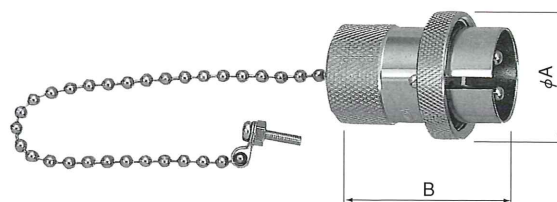
Adapter(Jack) 	S Type	*Number of contacts	A	B			
	NCS-14*-Ad	1, 2	17.5	52.5			
	NCS-16*-Ad	1, 2, 3, 4	21.5	49			
	NCS-25*-Ad	2, 3, 4, 5, 6, 7, 8	28.5	57			
	NCS-30*-Ad	2, 3, 4, 5, 6, 7, 7H, 8, 13	34	62.5			
	NCS-40*-Ad	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	46	81			
	NCS-50*-Ad	2, 3	57	109			
	NCS-50*-Ad	4, 8, 10, 15, 25	57	100			
	NCS-60*-Ad	2, 3, 4	67	118			
	NCS-60*-Ad	10, 15, 30, 32, 40	67	109			

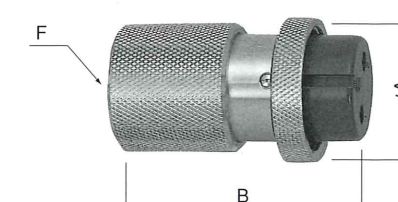
Adapter(Jack) 	G Type	*Number of contacts	A	B			
	NCS-16*-AdF	2, 3	21.5	49			
	NCS-25*-AdF	2, 3, 4, 5, 6, 7	28.5	57			
	NCS-30*-AdF	2, 3, 4, 5, 6, 8	34	62.5			
	NCS-44*-AdF	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	52	83			
	NCS-54*-AdF	2, 3	65	122			
	NCS-54*-AdF	4, 8, 10, 15, 25	65	112			
	NCS-64*-AdF	2, 3, 4	78	118.5			
	NCS-60*-AdF	10, 15, 30, 32	67	111			

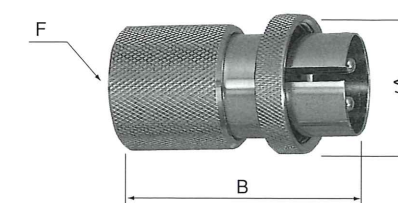
Adapter with flange(Panel Jack) 	S Type	*Number of contacts	B	D	E		
	NCS-16*-Ad(F)	1, 2, 3, 4	49	28	37		
	NCS-25*-Ad(F)	2, 3, 4, 5, 6, 7, 8	57	35	42		
	NCS-30*-Ad(F)	2, 3, 4, 5, 6, 7, 7H, 8, 13	62.5	42	52		
	NCS-40*-Ad(F)	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	81	56	65		

Adapter with flange(Panel Jack) 	G Type	*Number of contacts	B	D	E		
	NCS-16*-AdF(F)	2, 3	49	28	37		
	NCS-25*-AdF(F)	2, 3, 4, 5, 6, 7	57	35	42		
	NCS-30*-AdF(F)	2, 3, 4, 5, 6, 8	62.5	42	52		

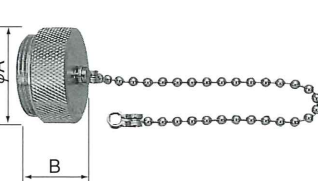
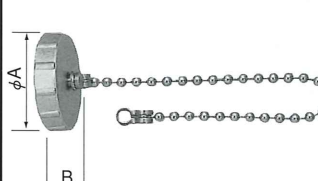
Shorting cap plug 	S Type	*Number of contacts	A	B
	NCS-25*-SP	2, 3, 4, 5, 6, 7, 8	28.5	38
	NCS-30*-SP	2,3,4,5,6,7,7H,8,13	34	41
	NCS-40*-SP	2,3,4,5,6,8,10,12,16,20	46	56
	NCS-50*-SP	2, 3	57	82
	NCS-50*-SP	4, 8, 10, 15, 25	57	72
	NCS-60*-SP	2, 3, 4	67	83
	NCS-60*-SP	10, 15, 30, 32	67	73

Shorting cap plug 	G Type	*Number of contacts	A	B
	NCS-25*-SPM	2, 3, 4, 5, 6, 7	28.5	38.5
	NCS-30*-SPM	2, 3, 4, 5, 6, 8	34	43
	NCS-44*-SPM	2,3,4,5,6,8,10,12,16,20	52	57
	NCS-54*-SPM	2, 3	65	91
	NCS-54*-SPM	4, 8, 10, 15, 25	65	81
	NCS-64*-SPM	2, 3, 4	78	96
	NCS-60*-SPM	10, 15, 30, 32	67	75

Pipe threads plug 	S Type	*Number of contacts	A	B	F
	NCS-25*-GP	2, 3, 4, 5, 6, 7, 8	28.5	50	PF1½
	NCS-30*-GP	2,3,4,5,6,7,7H,8,13	34	53.5	PF1½
	NCS-40*-GP	2,3,4,5,6,8,10,12,16,20	46	66.5	PF1, ¾, ½
	NCS-50*-GP	2, 3	57	90	PF1, ¾, ½
	NCS-50*-GP	4, 8, 10, 15, 25	57	80	PF1, ¾, ½
	NCS-60*-GP	2, 3, 4	67	104	PF1¼, 1
	NCS-60*-GP	10, 15, 30, 32, 40	67	94	PF1¼, 1

Pipe threads plug 	G Type	*Number of contacts	A	B	F
	NCS-25*-GPM	2, 3, 4, 5, 6, 7	28.5	50.5	PF1½
	NCS-30*-GPM	2, 3, 4, 5, 6, 8	34	55.5	PF1½
	NCS-44*-GPM	2,3,4,5,6,8,10,12,16,20	52	68	PF1, ¾, ½
	NCS-54*-GPM	2, 3	65	91	PF1, ¾, ½
	NCS-54*-GPM	4, 8, 10, 15, 25	65	81	PF1, ¾, ½
	NCS-64*-GPM	2, 3, 4	78	100	PF1¼, 1
	NCS-60*-GPM	10, 15, 30, 32	67	99	PF1¼, 1

Accessories

Plug cap(PCa) 	Shell size	A	B
	NCS-14-PCa	18	17
	NCS-16-PCa	21.5	18
	NCS-25-PCa	28.5	20
	NCS-30-PCa	34	23
	NCS-40-PCa	46	23
	NCS-44-PCa	52	24
	NCS-50-PCa	57	39
	NCS-54-PCa	65	40
	NCS-60-PCa	67	40
	NCS-64-PCa	78	40
Receptacle cap(RCa) Also for adapter (アダプタ用もかねる) 	Shell size	A	B
	NCS-14-RCa	18	10
	NCS-16-RCa	21.5	9.5
	NCS-25-RCa	29	11
	NCS-30-RCa	34	11.5
	NCS-40-RCa	46.5	12
	NCS-44-RCa	52.5	12
	NCS-50-RCa	57.5	18
	NCS-54-RCa	65	19
	NCS-60-RCa	67.5	18
	NCS-64-RCa	78	20

NCS and NWPC tools

Contacts with NCS and NWPC rated currents of least 80A have structures which can be removed from insulators. When soldering, do so after removing the contact.
※See page 26 for details.

NCS・NWPC用工具

NCS・NWPCの定格電流80A以上のコンタクトは、絶縁体より取り外せる構造になっております。はんだ付け作業の際には、コンタクトを取り外して作業して下さい。
※詳細は26ページを参照して下さい。

NWPC Series Connectors ■ Outdoor Type, Water-proof Connectors of NCS Series

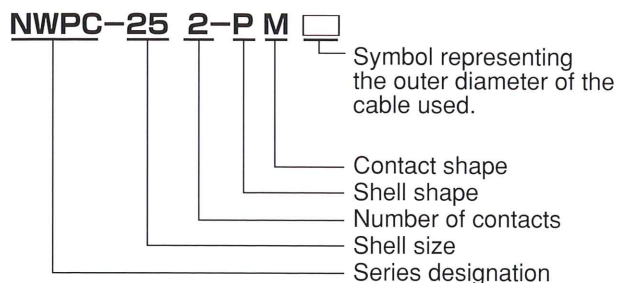
Feature

1. Cable drawing-out section is constructed to keep cables doubly by use of rubber packing and cable clamps.
2. Thermosetting epoxy resins have been employed for insulators.
3. Seven kinds of shell size and various shell type are available for a variety of applications.

特長

1. ケーブルの引き出し部分は、ゴムパッキン、ケーブルクランプとで、二重にケーブルを保守する構造です
2. 絶縁体は熱硬化性エポキシ樹脂を使用
3. 広い範囲の用途を対象に7種のシェルサイズと多数のシェルタイプを用意

Order Cording (形名構成)



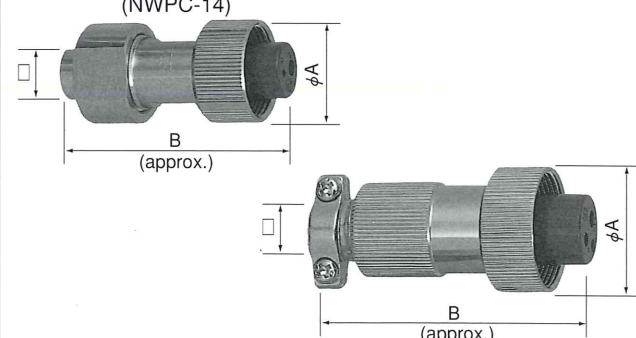
- Cable termination : Soldering
- Operating temperature range : -40°C to +85°C
- Water resistance : Water pressure 0.5kPa 24hrs.

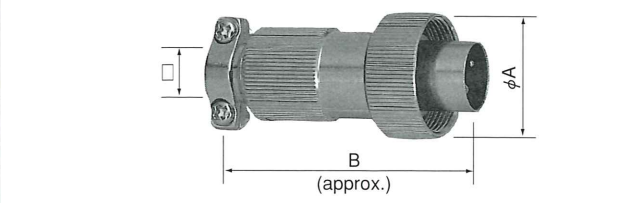
Material and Finish

材質及び処理

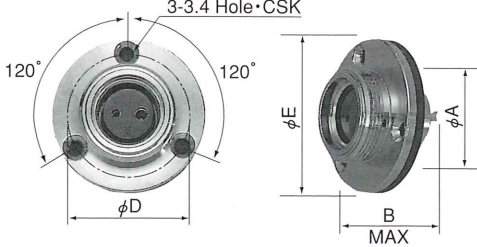
	Material (材質)	Finish (処理)
Shell (シェル)	Brass or Zinc alloy die casting (黄銅又は亜鉛ダイカスト)	Chrome plating (クロムめっき)
Insulator (絶縁体)	Epoxy resin (エポキシ樹脂)	—
Contact (コンタクト)	Copper alloy (銅合金)	Nickel, Silver or Gold plating (ニッケル、銀又は金めっき)
Packing (パッキン)	Synthetic rubber (合成ゴム)	—

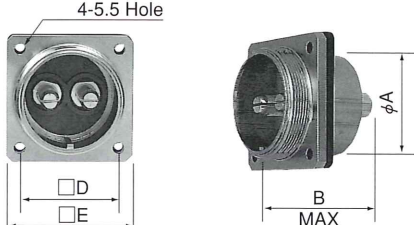
- 結線方式 : はんだ付け
- 使用温度範囲 : -40°C~+85°C
- 防水性 : 水圧下 0.5kPa 24時間

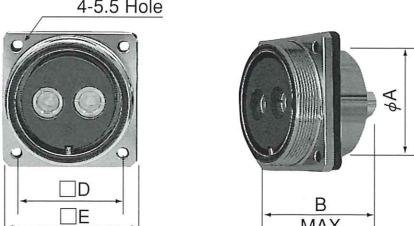
Plug	S Type	*Number of contacts	A	B
	NWPC-14*-P□	1	21	47.5
	NWPC-14*-P□	2	21	49
	NWPC-16*-P□	1, 4	25	57
	NWPC-16*-P□	2, 3	25	58
	NWPC-25*-P□	2, 3, 4, 5, 6, 7, 8	32	64
	NWPC-30*-P□	2, 3, 4, 5, 6, 7, 7H, 8, 13	37	70
	NWPC-40*-P□	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	47	94
	NWPC-50*-P□	2, 3	57	130
	NWPC-50*-P□	4, 8, 10, 15, 25	57	120
	NWPC-60*-P□	2, 3, 4	67	145
	NWPC-60*-P□	10, 15, 30, 32, 40	67	135
	□	(Refer to page 26)		

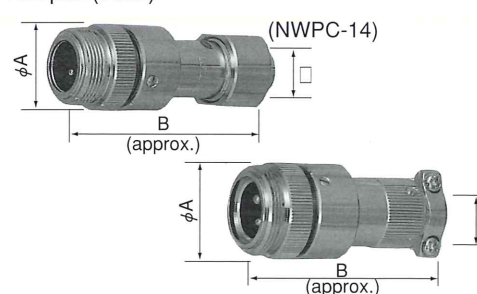
Plug	G Type	*Number of contacts	A	B
	NWPC-16*-PM□	2, 3	25	58
	NWPC-25*-PM□	2, 3, 4, 5, 6, 7	32	64.5
	NWPC-30*-PM□	2, 3, 4, 5, 6, 8	37	72
	NWPC-44*-PM□	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	56	98
	NWPC-54*-PM□	2, 3	66	130
	NWPC-54*-PM□	4, 8, 10, 15, 25	66	120
	NWPC-64*-PM□	2, 3, 4	76	145
	NWPC-60*-PM□	10, 15, 30, 32	67	137
	□	(Refer to page 26)		

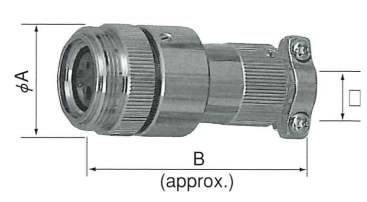
Receptacle	S Type	*Number of contacts	A	B	D	E
	NWPC-14*-R	1	14	28.5	26	34
	NWPC-14*-R	2	14	25	26	34
	NWPC-16*-R	1	16	30.5	30	37
	NWPC-16*-R	2, 3, 4	16	26	30	37
	NWPC-25*-R	2, 3, 4, 5, 6, 7, 8	25	27.5	36	44
	NWPC-30*-R	2, 3, 4, 5, 6, 7, 7H, 8, 13	30	30	41	49
	NWPC-40*-R	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	40	36.5	52	60

Receptacle 	G Type	*Number of contacts	A	B	D	E
	NWPC-16*-RF	2, 3	16	26.5	30	37
	NWPC-25*-RF	2, 3, 4, 5, 6, 7	25	27.5	36	44
	NWPC-30*-RF	2, 3, 4, 5, 6, 8	30	31	41	49
	NWPC-44*-RF	2,3,4,5,6,8,10,12,16,20	44	41	60	68

Receptacle(Square flange) 	S Type	*Number of contacts	A	B	D	E
	NWPC-50*-R	2, 3	50	56	50	64
	NWPC-50*-R	4, 8, 10, 15, 25	50	47	50	64
	NWPC-60*-R	2, 3, 4	60	57.8	56	70
	NWPC-60*-R	10, 15, 30, 32, 40	60	44.5	56	70

Receptacle(Square flange) 	G Type	*Number of contacts	A	B	D	E
	NWPC-54*-RF	2, 3	54	54	52	66
	NWPC-54*-RF	4	54	46.5	52	66
	NWPC-54*-RF	8, 10, 15, 25	54	43	52	66
	NWPC-64*-RF	2, 3, 4	64	56	62	76
	NWPC-60*-RF	10, 15, 30, 32	60	49.5	56	70

Adapter(Jack) 	S Type	*Number of contacts	A	B
	NWPC-14*-Ad□	1, 2	21	62
	NWPC-16*-Ad□	1, 2, 3, 4	25	59
	NWPC-25*-Ad□	2, 3, 4, 5, 6, 7, 8	32	72
	NWPC-30*-Ad□	2, 3, 4, 5, 6, 7, 7H, 8, 13	37	80
	NWPC-40*-Ad□	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	47	100
	NWPC-50*-Ad□	2, 3	57	131
	NWPC-50*-Ad□	4, 8, 10, 15, 25	57	122
	NWPC-60*-Ad□	2, 3, 4	67	150.5
	NWPC-60*-Ad□	10, 15, 30, 32, 40	67	142
□		(Refer to page 26)		

Adapter(Jack) 	G Type	*Number of contacts	A	B
	NWPC-16*-AdF□	2, 3	25	59
	NWPC-25*-AdF□	2, 3, 4, 5, 6, 7	32	72
	NWPC-30*-AdF□	2, 3, 4, 5, 6, 8	37	80
	NWPC-44*-AdF□	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	56	101
	NWPC-54*-AdF□	2, 3	66	135
	NWPC-54*-AdF□	4, 8, 10, 15, 25	66	125
	NWPC-64*-AdF□	2, 3, 4	76	151
	NWPC-60*-AdF□	10, 15, 30, 32	67	142
□		(Refer to page 26)		

Adapter with flange(Panel Jack) 	S Type	*Number of contacts	B	D	E
	NWPC-16*-Ad(F)□	1, 2, 3, 4	59	32	40
	NWPC-25*-Ad(F)□	2, 3, 4, 5, 6, 7, 8	72	39	47
	NWPC-30*-Ad(F)□	2, 3, 4, 5, 6, 7, 7H, 8, 13	80	44	52
	□	(Refer to page 26)			

Adapter with flange (Panel Jack) 	G Type	*Number of contacts	B	D	E
	NWPC-16*AdF(F)□	2, 3	59	32	40
	NWPC-25*AdF(F)□	2, 3, 4, 5, 6, 7	72	39	47
	NWPC-30*AdF(F)□	2, 3, 4, 5, 6, 8	80	44	52
	□	(Refer to page 26)			

Accessories

Plug cap(PCa) 	Shell size	A	B
	NWPC-14-PCa	21	20.5
	NWPC-16-PCa	25	18.5
	NWPC-25-PCa	32	19.5
	NWPC-30-PCa	37	22
	NWPC-40-PCa	47	24.5
	NWPC-44-PCa	56	25
	NWPC-50-PCa	57	39.6
	NWPC-54-PCa	66	38.6
	NWPC-60-PCa	67	39.6
	NWPC-64-PCa	76	38.6
Receptacle cap(RCa) Also for adapter (アダプタ用もかゐる) 	Shell size	A	B
	NWPC-14-RCa	21	13
	NWPC-16-RCa	25	12.5
	NWPC-25-RCa	32	12.5
	NWPC-30-RCa	37	14
	NWPC-40-RCa	47	16
	NWPC-44-RCa	56	16
	NWPC-50-RCa	57	21.6
	NWPC-54-RCa	66	19.6
	NWPC-60-RCa	67	19.6
	NWPC-64-RCa	76	19.6
★Adapter cap(AdCa) shell size 40・44			

□: Symbol representing the outer diameter of the cable used.
 The connectors are of water-proof construction therefore, it is required to mate the inside diameter of rubber packing of the cable clamp section with the outer diameter of cable used. Select the symbol conforming to the cable used, from the following table, and enter it in the table.

Shell size	Symbol□	Outer diameter of cable used
14	5	φ 5.0~φ 5.9
	6	φ 6.1~φ 6.9
	7	φ 7.0~φ 8.0
16	5	φ 4.5~φ 6.0
	7	φ 6.1~φ 8.0
	9	φ 8.1~φ 10.0
25	7	φ 6.5~φ 8.0
	9	φ 8.1~φ 10.0
	11	φ 10.1~φ 12.0
30	13	φ 12.1~φ 14.0
	9	φ 8.0~φ 10.0
	11	φ 10.1~φ 12.0
	13	φ 12.1~φ 14.0
	15	φ 14.1~φ 16.4
40 and 44	17	φ 16.5~φ 18.0
	12	φ 11.0~φ 13.0
	14	φ 13.1~φ 15.0
	16	φ 15.1~φ 17.0
	18	φ 17.1~φ 19.0
	20	φ 19.1~φ 21.5
	23	φ 21.6~φ 24.0

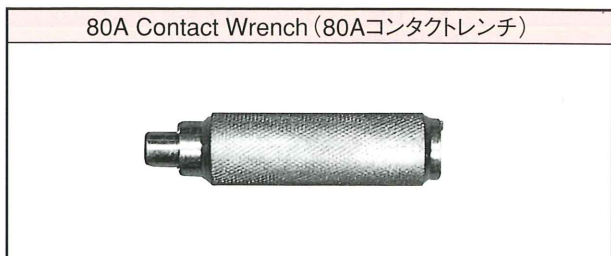
□: 使用ケーブル外径を表す記号

このコネクタは防水構造ですのでケーブルクランプ部のゴムパッキンの内径に、使用ケーブル外径を合わせる必要がありますので、下表より使用ケーブルに適合する記号を選び記入して下さい。

Shell size	Symbol□	Outer diameter of cable used
50 and 54	16	φ 15.0~φ 17.0
	18	φ 17.1~φ 19.0
	20	φ 19.1~φ 21.0
	22	φ 21.1~φ 23.0
	24	φ 23.1~φ 25.5
	27	φ 25.6~φ 28.0
60 and 64	22	φ 21.0~φ 23.0
	24	φ 23.1~φ 25.0
	26	φ 25.1~φ 27.0
	28	φ 27.1~φ 29.5
	31	φ 29.6~φ 32.0
	33	φ 32.1~φ 34.0
	35	φ 34.1~φ 36.0
	37	φ 36.1~φ 38.0

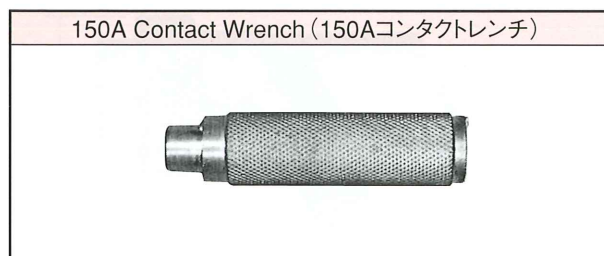
NCS and NWPC tools (Sale different)

Contacts with NCS and NWPC rated currents of at least 80A have structures which can be removed from insulators. When soldering, do so after removing the contact.



NCS・NWPC用工具 (別売)

NCS・NWPCの定格電流80A以上のコンタクトは、絶縁体より取り外せる構造になっております。はんだ付け作業の際には、コンタクトを取り外して作業して下さい。



NT Series Connectors ■ Ideal for a Machine Tool Excellent Water-proof and Oil-proof Construction

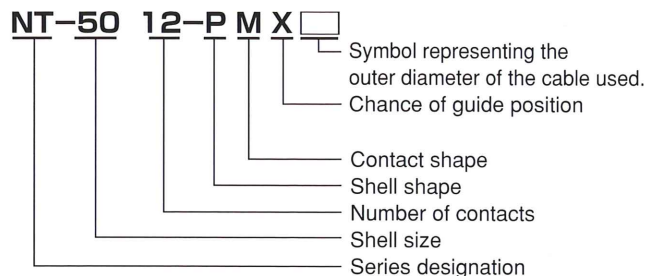
Feature

1. Solid, lightweight, and further provided with ground contacts.
2. Any cable can be used. ($\phi 8$ to $\phi 24\text{mm}$)
3. Water-proof, Oil-proof type.
4. Safety design providing earthing contact.

特長

1. 軽量で堅牢
2. 任意のケーブルが使用できる ($\phi 8 \sim \phi 24\text{mm}$)
3. 防水・防油タイプ
4. アースコンタクトを有する安全設計

Order Cording (形名構成)



● Cable termination : Soldering

● Operating temperature range : -40°C to $+85^{\circ}\text{C}$

Material and Finish

材質及び処理

	Material (材質)	Finish (処理)
Shell (シェル)	Aluminum alloy die casting or Aluminum alloy (アルミニウム合金ダイカスト又は、アルミニウム合金)	Chrome plating (クロムめっき)
Insulator (絶縁体)	Epoxy resin (エポキシ樹脂)	—
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)
Packing (パッキン)	Oil-resistant rubber (耐油性ゴム)	—

● 結線方式 : はんだ付け

● 使用温度範囲 : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Chance of Guide Position

(Viewed from pin insert coupling side.)

ガイド位置

(ピンインサート結合面より見て)

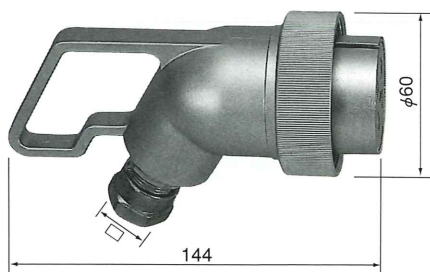
No. of contacts	4	10	12	15
Mark				
X	45°	45°	45°	45°
Y	110°	110°	110°	110°
Z	250°	250°	250°	250°

Plug



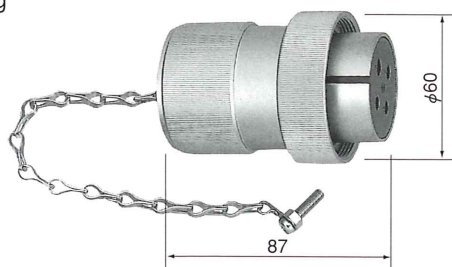
S Type	*Number of contacts
NT-50*-PF□	4, 10, 12, 15
G Type	*Number of contacts
NT-50*-PM□	4, 10, 12, 15
Symbol□	Outer diameter of cable used
12	$\phi 8.0 \sim \phi 12.0$
16	$\phi 12.1 \sim \phi 16.0$
20	$\phi 16.1 \sim \phi 20.0$
24	$\phi 20.1 \sim \phi 24.0$

Angle plug



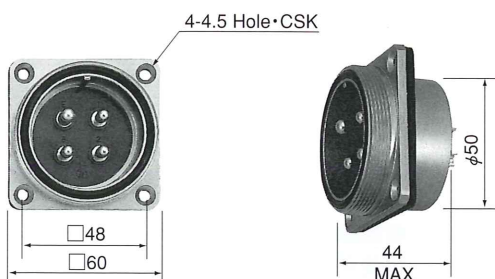
S Type	*Number of contacts
NT-50*-LPF□	4, 10, 12, 15
G Type	*Number of contacts
NT-50*-LPM□	4, 10, 12, 15
Symbol□	Outer diameter of cable used
12	$\phi 8.0 \sim \phi 12.0$
16	$\phi 12.1 \sim \phi 16.0$
20	$\phi 16.1 \sim \phi 20.0$
24	$\phi 20.1 \sim \phi 24.0$

Shorting cap plug



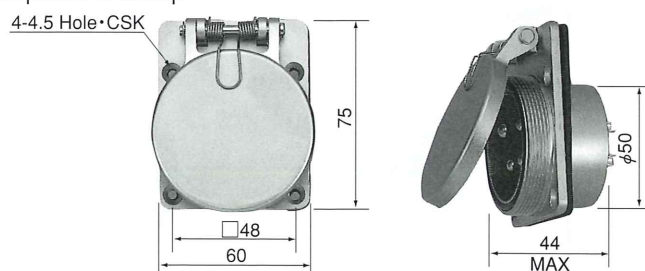
S Type	*Number of contacts
NT-50*-SPF	4, 10, 12, 15
G Type	*Number of contacts
NT-50*-SPM	4, 10, 12, 15

Receptacle



S Type	*Number of contacts
NT-50*-RM	4, 10, 12, 15
G Type	*Number of contacts
NT-50*-RF	4, 10, 12, 15

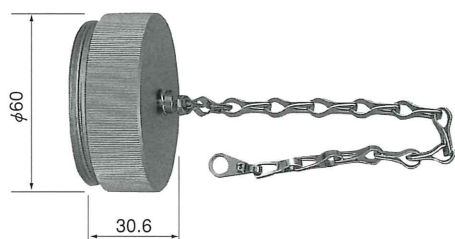
Receptacle with cap



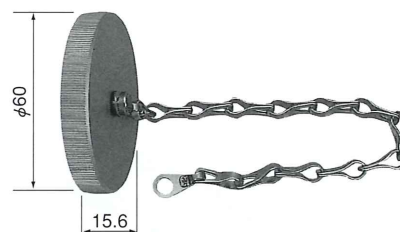
S Type	*Number of contacts
NT-50*-CRM	4, 10, 12, 15
G Type	*Number of contacts
NT-50*-CRF	4, 10, 12, 15

Accessories

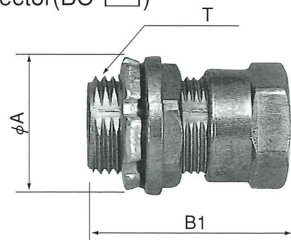
Plug cap(PCa)



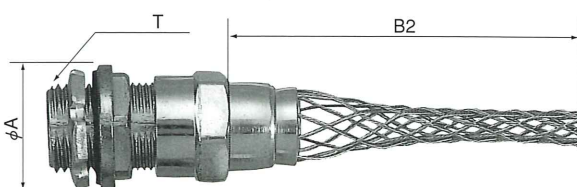
Receptacle cap(RCa)



Box connector(BC-□)



Box connector(BCG-□)



Type	A	B1	B2	T	Outer diameter of cable used
BC-8	29	36.5 ~ 42.0	100	PF1/2	φ 4~ 8
BCG-8					
BC-12	29	36.5 ~ 42.0	110	PF1/2	φ 8~12
BCG-12					
BC-16	37	39.0 ~ 45.0	120	PF3/4	φ12~16
BCG-16					
BC-20	37	41.5 ~ 48.5	135	PF3/4	φ16~20
BCG-20					
BC-24	45	46.5 ~ 56.0	165	PF1	φ20~24
BCG-24					
BC-28	54	49.5 ~ 60.5	200	PF1 1/4	φ24~28
BCG-28					
BC-32	54	51.5 ~ 62.5	230	PF1 1/4	φ28~32
BCG-32					
BC-36	60	52.5 ~ 64.5	245	PF1 1/2	φ32~36
BCG-36					

NHVC Series Connectors ■ For High Voltage Low Current

Feature

1. Supply of electric power to high-voltage electrical equipment for movement of a site of construction, etc.
2. Supply of electric power to high-voltage motor, etc.
3. Simplification of maintenance of high-voltage electric equipment, etc.

● Materials and Finish

● 材質及び処理

	Material (材質)	Finish (処理)
Shell (シェル)	Aluminum alloy (耐食性アルミニウム合金)	—
Insulator (絶縁体)	Synthetic resin (合成樹脂)	—
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)
Packing (パッキン)	Synthetic rubber (合成ゴム)	—

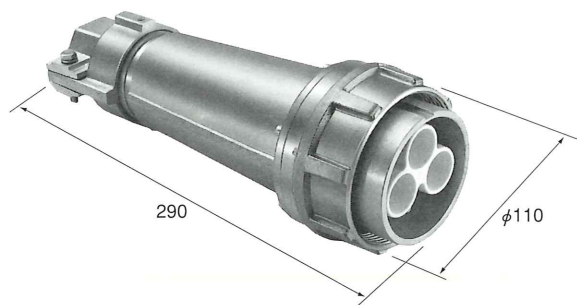
● Cable termination : Soldering

● Operating temperature range : -25°C to +85°C

● Water resistance : Waterproof type

NHVC-904

Plug(NHVC-904-PM)



特長

1. 工事現場等の移動用高圧電気設備への電力の供給
2. 高圧電動機等への電力供給
3. 高圧電気設備のケーブルメンテナンス等

● Electrical Performance

● 電氣的性能

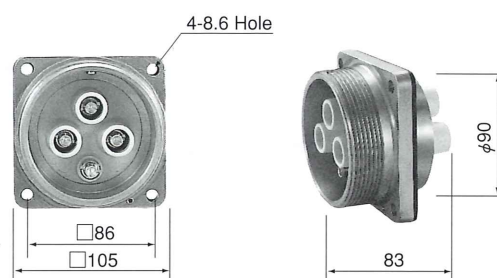
	Rating (定格)	Withstand Impulse Voltage (耐インパルス電圧)
NHVC- 904	3.3kV 80A	±45kV or more
NHVC-1204	3.3kV 200A	±35kV or more
NHVC-2004	6.6kV 350A	±80kV or more

● 結線方式 : はんだ付け

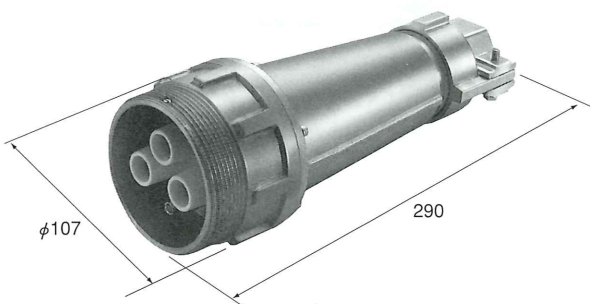
● 使用温度範囲 : -25°C ~ +85°C

● 防水性 : 屋外用防水形

Receptacle(NHVC-904-RF)

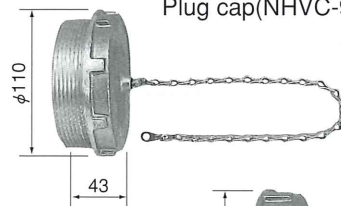


Adapter(Jack)(NHVC-904-AdF)

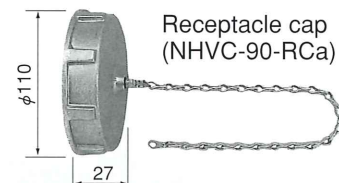


Accessories

Plug cap(NHVC-90-PCa)

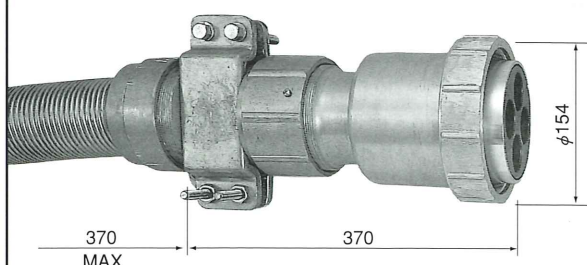


Receptacle cap (NHVC-90-RCa)

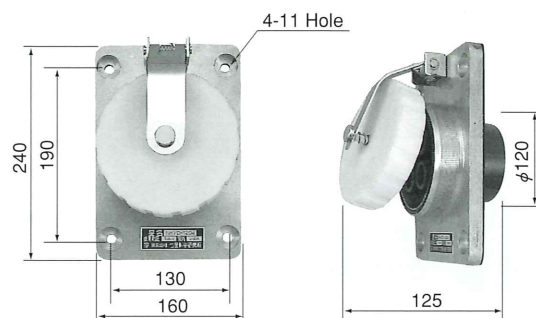


NHVC-1204

Plug(NHVC-1204-PM)

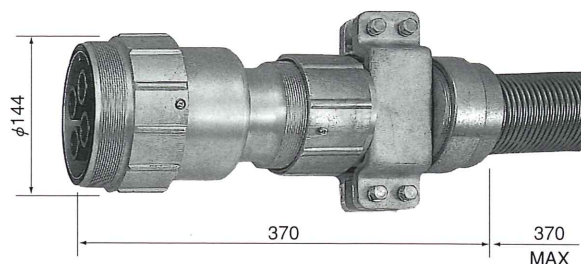


Receptacle with cap(NHVC-1204-CRF)



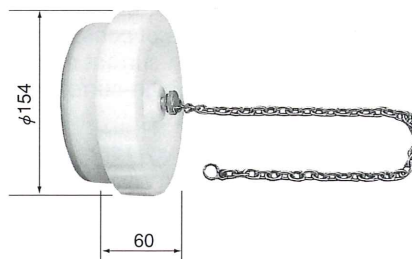
NHVC-1204

Adapter(Jack)(NHVC-1204-AdF)



Accessories

Plug cap(NHVC-120-PCa)

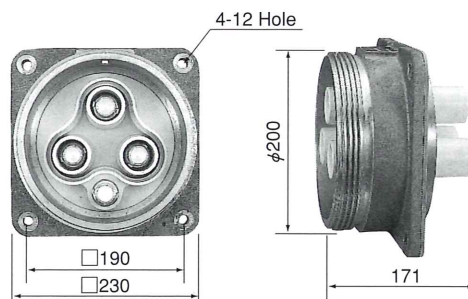


NHVC-2004

Plug(NHVC-2004-PM)



Receptacle(NHVC-2004-RF)

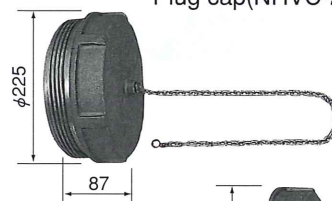


Adapter(Jack)(NHVC-2004-AdF)



Accessories

Plug cap(NHVC-200-PCa)



Receptacle cap
(NHVC-200-RCa)



Exclusive use tool (Sale different)

NHVC-904 Use (6mm Contact Wrench)

NHVC-1204 Use(200A Contact Wrench)

NHVC-2004 Use(350A Contact Wrench)

This special tool is necessary since the contact is removed when soldering.

Accessories (NHVC-2004)

- Termination material for high voltage Cable
- Coupling Wrench

専用工具 (別売)

NHVC-904用 (6ミリコンタクトレンチ)

NHVC-1204用 (200Aコンタクトレンチ)

NHVC-2004用 (350Aコンタクトレンチ)

はんだ付けの際にコンタクトを取り外す為、この専用工具が必要となります。

付属品 (NHVC-2004のみ)

- 高圧ケーブル用端末処理キット
- 専用カップリングレンチ

NMI Series Connectors ■ For Low Voltage High Current

Feature

1. Supply of electric power to high-current electrical equipment for movement of a site of construction, etc.
2. Supply of electric power to a high-current motor, etc.
3. Simplification of maintenance of high-current electric equipment, etc.

● Materials and Finish

● 材質及び処理

	Material (材質)	Finish (処理)
Shell (シェル)	Aluminum alloy (耐食性アルミニウム合金)	—
Insulator (絶縁体)	Synthetic resin (合成樹脂)	—
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)
Packing (パッキン)	Synthetic rubber (合成ゴム)	—

● Cable termination : Soldering

● Operating temperature range : -25°C to +85°C

● Water resistance : Waterproof type

特長

1. 工事現場等の移動用大電流電気設備への電力の供給
2. 大電流電動機等への電力供給
3. 大電流電気設備のケーブルメンテナンス等

● Electrical Performance

● 電氣的性能

	Rating (定格)	Withstand voltage (耐電圧)
NMI - 903	600V 200A	2,500V (1min.)
NMI - 904	600V 200A	2,500V (1min.)
NMI - 1203	600V 300A	2,500V (1min.)

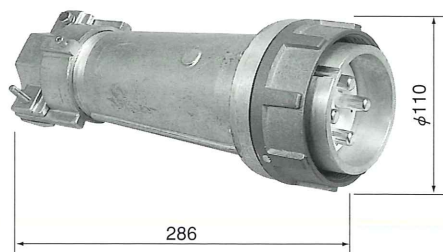
● 結線方式 : はんだ付け

● 使用温度範囲 : -25°C ~ +85°C

● 防水性 : 屋外用防水形

NMI-903, 904

Plug(NMI-903,904-PM)



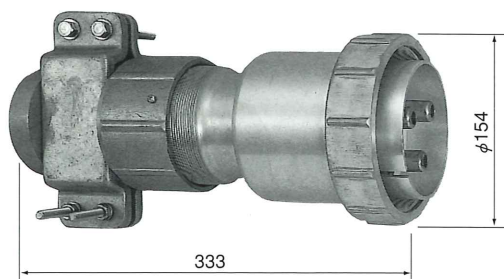
Receptacle(NMI-903,904-RF)



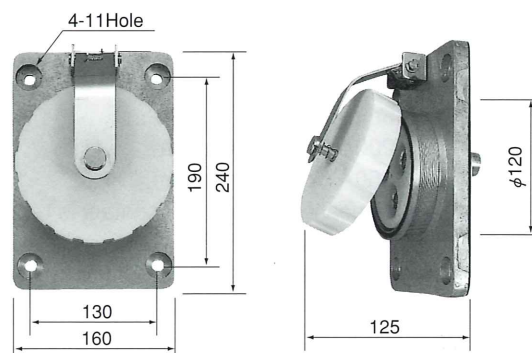
Accessories : PCa,RCa is sharing with PCa,RCa of NHVC-90 (PCa,RCaはNHVC-90のPCa,RCaと共用)

NMI-1203

Plug(NMI-1203-PM)



Receptacle with cap(NMI-1203-CRF)



Accessories : PCa is sharing with PCa of NHVC-120 (PCaはNHVC-120のPCaと共用)

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