CONNECTOR SPECIFICATIONS

No. SE-20430-1
Nanaboshi Electric Mfg. Co., Ltd.

Type : RECEPTACLE

NJC－20※－RF□ (UL・CSA)

※ : Number of Contacts
2, 3, 4, 5, 7, 10, 12

Drawing No. : AE-20032

※ : Number of Contacts	2	3	4	5	7	10	12
Voltage Rating	AC 250 V						
Current Rating	15 A		10 A			5 A	
Operating Temperature	－40 ℃ to ＋100 ℃			－25 ℃ to ＋85 ℃			
Insulation Resistance	2,000 MΩ or greater, using 500 V DC test					1,000 MΩ or greater, using 500 V DC test	
Withstand Voltage	AC 1,500 V (r.m.s.) for 1 minute				AC 1,000 V (r.m.s.) for 1 minute		
Contact Resistance	3 mΩ or less, using 1 A DC test					5 mΩ or less, using 1 A DC test	
Wire Size	2.0 mm^2 (AWG#14) *		1.25 mm^2 (AWG#16) *			0.5 mm^2 (AWG#20) *	
Wire Connection	Soldering						
Joint Method	Screw lock type						

*AWG # is for reference only.

NANABOSHI PDF DATA
御参考用

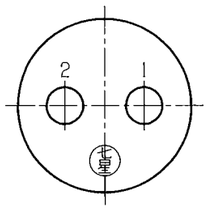
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2023/11/06
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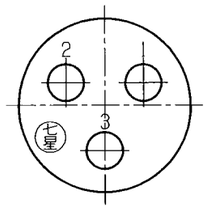
SYM	REVISION	DATE	DWN.	CHK.	APPD.
△	Title changed.	Nov. 1, 2023	S. Morol	M. Kinoshita	S. Okazaki
△					
△					

CONTACT ARRANGEMENTS (See A)

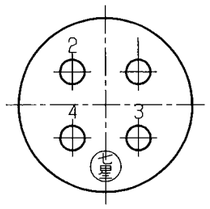
2 Contacts



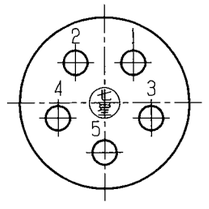
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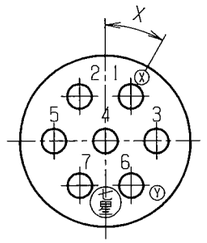
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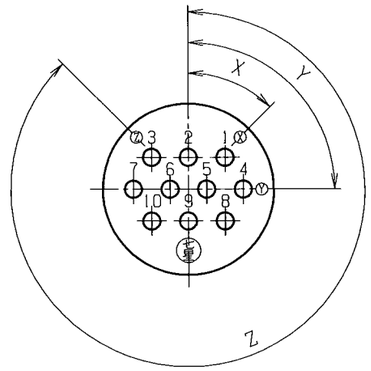
5 Contacts



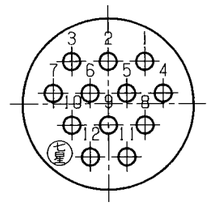
7 Contacts



10 Contacts

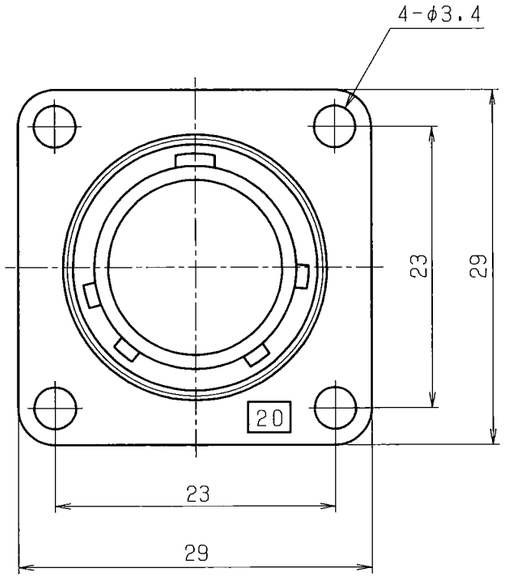


12 Contacts

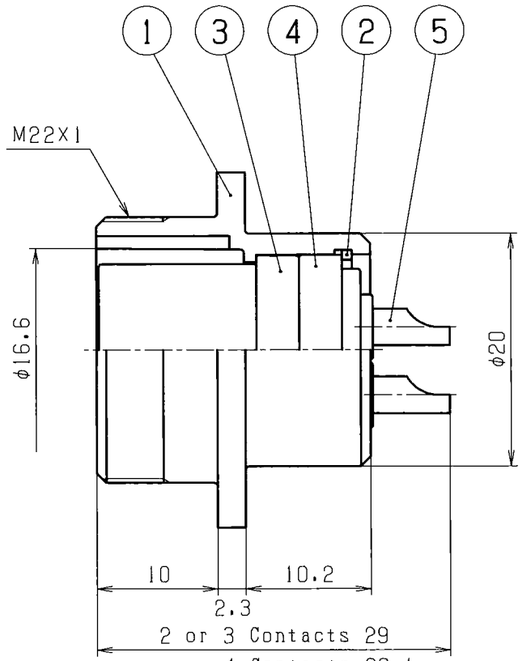


Insulator Position

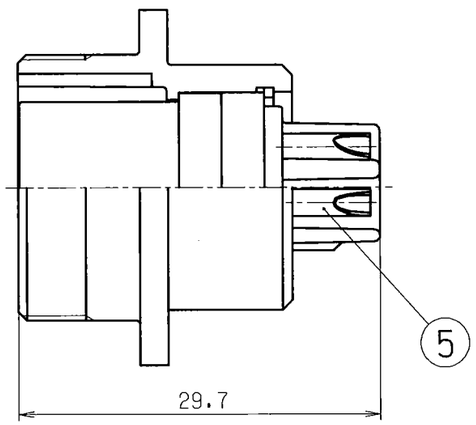
Symbol Designating Position □	Angle	
	7 Contacts	10 Contacts
—	0°	0°
X	30°	45°
Y	——	90°
Z	——	315°



A →



5 Contacts



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☒: Number of Contacts
□: Symbol Designating Insulator Position

ITEM	DESCRIPTION	MATL	FIN	QTY
5	Socket Contact	Cu Alloy	Ag Plate	☒
4	Insulator B	Synthetic Resin	——	1
3	Insulator A	Synthetic Resin	——	1
2	Retaining Ring	Stainless	——	1
1	Outer Shell	Zn Alloy	Cr Plate	1

DWN.	S. Morol Aug. 2, 2023		TITLE	RECEPTACLE NJC-20☒-RF□ ⚠(UL・CSA)	
CHK.	M. Kinoshita H. Sato	SCALE	2:1	DWG NO.	AE-20032 2
APPD.	S. Okazaki	DIM.	mm	NANABOSHI ELECTRIC MFG.CO., LTD.	

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