(Note2)	
G#22 _1007)	
QT	АТ
Х	Χ
Х	Х
Х	-
Х	-
Х	-
Х	-
Х	
^	
X	_
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X	_
Х	-
Х	-
X	
^	-
×	_
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-	-
Х	-
	x

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED		DA	DATE	
lack	2	DIS-E-00002673	TS. ITO	TU. TANI GUCHI		2019	91016	
REI	MARK			APPROVED	MN. KENJO	2019	90228	
Above spesification shows the values in assembled condition with applicable crimp contacts.  Unless otherwise specified, refer to IEC 60512(JIS C 5402).			CHECKED TU. TANIGUCHI		20190228			
			DESIGNED SH. KOYAMA		20190228			
			DRAWN	SH. KOYAMA	2019	90228		
Note	e QT:Qu	C:Qualification Test AT:Assurance Test X:Applicable Test DRAWI		IG NO.	o. <b>ELC-129857-01-00</b>			
ЖS		SPECIFICATION SHEET	PART NO.	PQ50S-48P-PCMA (01)				
4	. <b>7</b>	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL23	6-2129-0-01	$\Delta$	1/3	

	SPECIFICATION	S		
ITEM TEST METHOD		REQUIREMENTS		АТ
ENVIRONMENTAL CHA	ARACTERISTICS			
Rapid Change of Temperature	Temperature -55 $\rightarrow$ 15 to 35 $\rightarrow$ 105 $\rightarrow$ 15 to 35 °C Time 30 $\rightarrow$ 2 to 3 $\rightarrow$ 30 $\rightarrow$ 2 to 3 min. Under 5 cycles.	① Change in contact resistance of contacts : 10 mΩ MAX. (Note3) ② No damage. Crack and looseness of parts.	X	-
Heat Resistance	Exposed at 105 °C $\pm$ 2 °C, 96 h, and combine the applicable connectors.	<ol> <li>Change in contact resistance of contacts</li> <li>10 mΩ MAX. (Note3)</li> <li>Insulation resistance : 1000 MΩ MIN.</li> <li>No damage. Crack and looseness of parts.</li> </ol>	Х	-
Cold Resistance	Exposed at -55 °C $\pm$ 3 °C, 96 h, and combine the applicable connectors.	<ol> <li>Change in contact resistance of contacts</li> <li>10 mΩ MAX. (Note3)</li> <li>Insulation resistance : 1000 MΩ MIN.</li> <li>No damage. Crack and looseness of parts.</li> </ol>	Х	-
Humidity	Exposed at 60 °C $\pm$ 2 °C, 93 $\pm$ 3 %, 96 h, and combine the applicable connectors.	Change in contact resistance of contacts     : 10 mΩ MAX. (Note3)      Insulation resistance : 1000 MΩ MIN.     (After it drier)      No damage. Crack and looseness of parts.	Х	-
Mixed Flowing Gus	Exposed in ${\rm SO_2}$ 10 ppm, ${\rm H_2S}$ 3 ppm, 70 to 80 %, 24 h, and combine the Applicable connectors.	No heavy corrosion ruin the function. Change in contact resistance of contacts : 10 mΩ MAX. (contacts, shell)	Х	-
Corrosion Salt Mist	Exposed in 5 % salt water spray for 48 h, and combine the applicable connectors.	No heavy corrosion ruin the function. Change in contact resistance of contacts : 10 mΩ MAX. (contacts, shell)	Х	-

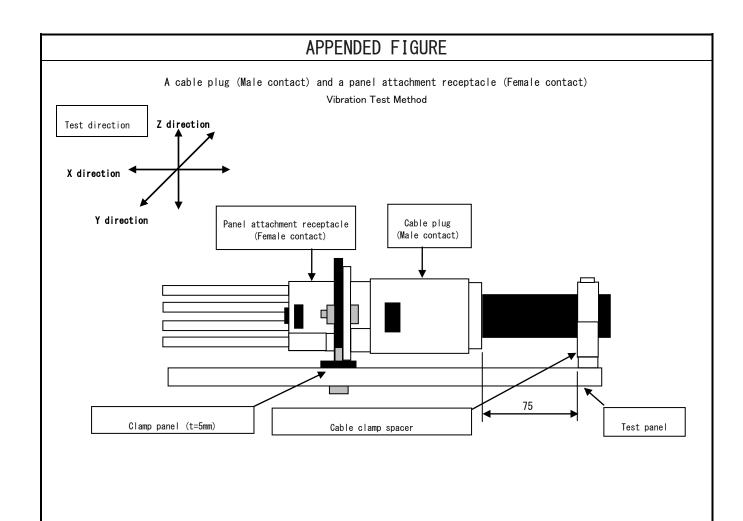
(Note1) 1 The product performance is guaranteed only in the temperature adequate people's activities.

- $\ensuremath{\mathfrak{D}}$  Include temperature rise caused by current-carrying.
- 3 Specifications for assembled item with applicable housing.

(Note2) Packing materials are not included.

(Note3) Cable conductor resistance is not included.

Note QT:Q	QT:Qualification Test AT:Assurance Test X:Applicable Test		IG NO.	ELC-129857-01-00		
HS.	SPECIFICATION SHEET	PART NO.	PQ50S-48P-PCMA (01)			
1.0	HIROSE ELECTRIC CO., LTD.	CODE NO	CL236	5-2129-0-01	Δ	2/3



Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.		ELC-129857-01-00		
HS	SPECIFICATION SHEET	PART NO.	PQ50S-48P-PCMA (01)			
1.0	HIROSE ELECTRIC CO., LTD.	CODE NO	CL236	5-2129-0-01	Δ	3/3