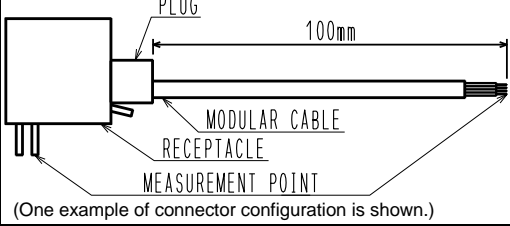


APPLICABLE STANDARD		ANSI/TIA/EIA-568-B.2.10 CAT6a			
Rating	Operating Temperature Range	Note -25 °C TO 60 °C	Storage Temperature Range	-25 °C TO 60 °C	
	Voltage	125 V AC	Operating Humidity Range	95 % MAX	
	Current	1 A	Applicable Cable	AWG# 24 ~ AWG# 26	
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
General Examination		Visually and by measuring Instrument.		According to drawing.	X X
Marking		Confirmed visually.			X X
ELECTRIC CHARACTERISTICS					
Contact Resistance	100 mA (DC or 1000 Hz AC)  (One example of connector configuration is shown.)		50 mΩ max. (Without bulk resistance of cable)	X	X
Insulation Resistance	100 V DC.		100 MΩ min.	X	X
Voltage Proof	500 V AC FOR 1 min.		No flashover or breakdown.	X	X
MECHANICAL CHARACTERISTICS					
Mechanical Operation	200 times insertions and extractions.		1)Contact resistance: 70 mΩ max. (Without bulk resistance of cable) 2)No damage, crack and looseness,of parts.	X	—
Vibration	Frequency 10 to 500Hz, single amplitude 0.35 mm, at 2h, for 3 directions.		1)No electrical discontinuity of 1 μs. 2)Contact resistance: 70 mΩ max. (Without bulk resistance of cable) 3)No damage, crack and looseness,of parts.	X	—
ENVIRONMENTAL CHARACTERISTICS					
Humidity/temperature	Low temperature 25 °C High temperature 65 °C Cold sub-cycle -10°C Relative humidity 93 % Duration 21/each 24 h		1)Contact resistance: 70 mΩ max. (Without bulk resistance of cable) 2)Insulation resistance: 1 MΩ min.(at high humidity) 10MΩ min.(at dry) 3)No damage, crack and looseness,of parts.	X	—
Rapid Change Of Temperature	Temperature: -40 → 15 to 35 → 70 → 15 to 35 °C Time: 30 → 2 to 3 → 30 → 2 to 3 min. Under 5 cycles.		1)Contact resistance: 70 mΩ max. (Without bulk resistance of cable) 2) Insulation resistance: 100 MΩ min. 3) No damage, crack and looseness,of parts.	X	—
Corrosion Salt Mist	Exposed in 5 % salt water spray for 24 h.		1)Contact resistance: 70 mΩ max. (Without bulk resistance of cable) 2)No heavy corrosion that lose ness function.	X	—
Note. The operation temperature includes the temperature rise by current carrying. Temperature range for a connector unmated. Use under the condition recommended by a cable manufacture.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	MN. KENJO	20220331
			CHECKED	KG. OKITA	20220331
			DESIGNED	MO. SHIMOYAMA	20220331
			DRAWN	MO. SHIMOYAMA	20220331
Unless otherwise specified, refer to IEC 60512.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-391045-00-00
HRS	SPECIFICATION SHEET		PART NO.	TM61P-88P	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0222-0900-0-00	△ 1/1