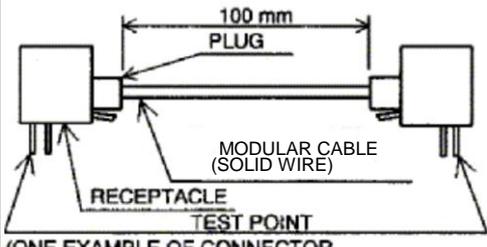


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APPLICABLE STANDARD		TIA/EIA-568-B.2 CATEGORY5e $\Delta$			
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO 60 °C	STORAGE TEMPERATURE RANGE	-25 °C TO 60 °C	
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	95 % MAX.	
	CURRENT	1 A $\Delta$	APPLICABLE WIRE	AWG#24 STRANDED WIRE $\phi$ 0.5mm SOLID WIRE	
<b>SPECIFICATIONS</b>					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
<b>CONSTRUCTION</b>					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.			X	X
<b>ELECTRIC CHARACTERISTICS</b>					
CONTACT RESISTANCE	100 mA DC (OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS.  (ONE EXAMPLE OF CONNECTOR CONFIGURATION IS SHOWN.)		230 m $\Omega$ MAX.	X	X
INSULATION RESISTANCE	100 V DC.		100 M $\Omega$ MIN.	X	X
VOLTAGE PROOF	500 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	X	X
NEAR END CROSSTALK(NEXT)LOSS	MEASURED MINIMUM NEXT LOSS FOR EACH PAIR COMBINATION AT 100 MHZ.		43 dB MIN.	X	-
<b>MECHANICAL CHARACTERISTICS</b>					
MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE: 250 m $\Omega$ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, - m/s <sup>2</sup> AT 5min./CYCLE, 10 TIMES.		1) NO ELECTRICAL DISCONTINUITY OF 5 $\mu$ s. 2) CONTACT RESISTANCE: 250 m $\Omega$ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			X	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
DAMP HEAT,CYCLIC	EXPOSED AT +40 °C, 90 TO 95 %, 500 h.		1) CONTACT RESISTANCE: 250 m $\Omega$ MAX. 2) INSULATION RESISTANCE: 1 M $\Omega$ MIN. (AT HIGH HUMIDITY) 3) INSULATION RESISTANCE: 10 M $\Omega$ MIN. (AT DRY) 4) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -5 $\rightarrow$ 5 TO 35 $\rightarrow$ 85 $\rightarrow$ 5 TO 35 °C TIME 30 $\rightarrow$ 5 $\rightarrow$ 30 $\rightarrow$ 5 min. UNDER 5 CYCLES.		1) CONTACT RESISTANCE: 250 m $\Omega$ MAX. 2) INSULATION RESISTANCE: 100 M $\Omega$ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PART	X	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		1) CONTACT RESISTANCE: 250 m $\Omega$ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART	X	-
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
$\Delta$	2	DIS-E-00000804	TS. ITO	NM. NISHIMATSU	16.12.21
REMARK			APPROVED	YH. ENAMI	09.01.19
			CHECKED	HO. MIWA	09.01.19
			DESIGNED	HN. ANDO	09.01.17
Unless otherwise specified, refer to JIS C 5402.			DRAWN	HN. ANDO	09.01.17
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC-122165-03-02	
<b>HRS</b>	SPECIFICATION SHEET		PART NO.	TM21CP-88P (03)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2884-1-03	$\Delta$ 1/1