


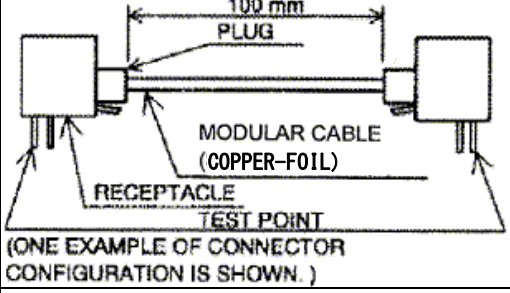






APPLICABLE STANDARD		TIA/EIA-568-A CAT5 				
RATING	OPERATING TEMPERATURE RANGE	 -55°C TO 85°C		STORAGE TEMPERATURE RANGE	 -25°C TO 60°C	
	VOLTAGE	125 V AC		CURRENT	1 A	
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS	QT AT	
CONSTRUCTION						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X X	
MARKING		CONFIRMED VISUALLY.			X X	
ELECTRIC CHARACTERISTICS						
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS. 		230 mΩ MAX.	X X	
INSULATION RESISTANCE		100 V DC.		100 MΩ MIN.	X X	
VOLTAGE PROOF (CONTACT TO CONTACT)		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 Hz.		40 dB MIN.	X —	
MECHANICAL CHARACTERISTICS						
MECHANICAL OPERATION		200 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X —	
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 5μs.	X —	
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		2) CONTACT RESISTANCE: 250 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X —	
ENVIRONMENTAL CHARACTERISTICS						
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %, 500 h.		1) CONTACT RESISTANCE: 250 mΩ MAX. 2) INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 3) INSULATION RESISTANCE: 10 MΩ MIN. (AT DRY) 4) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55±3 → 5 TO 35 → 85±2 → 5 TO 35 °C TIME 30 TO 35→ 5 MAX → 30 TO 35 → 5 MAX min. UNDER 5 CYCLES.		1) CONTACT RESISTANCE: 250 mΩ MAX. 2) INSULATION RESISTANCE: 100 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
	2	DIS-E-00002148	SH. KOYAMA	TU. TANIGUCHI	20190305	
REMARKS  APPLICABLE PLUGCONNECTOR: TM21P-88P.				APPROVED	HO. MIWA	20060831
				CHECKED	SJ. SHIMIZU	20060831
				DESIGNED	TS. ITO	20060831
				DRAWN	TS. ITO	20060831
Unless otherwise specified, refer to JIS C 5402.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-121791-01	
	SPECIFICATION SHEET		PART NO.	TM21R-5A-3232-LP (50)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2873-5-50	 1/2	

[illegible]