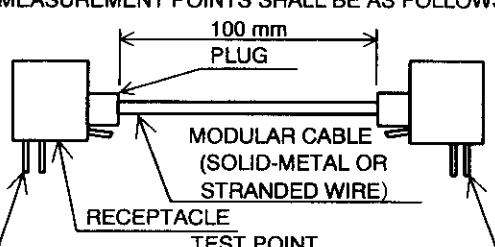


APPLICABLE STANDARD TIA/EIA-568-B.2 CATEGORY5e						SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS		QT		AT			
CONSTRUCTION											
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		<input type="radio"/>		<input type="radio"/>			
MARKING		CONFIRMED VISUALLY.				<input type="radio"/>		<input type="radio"/>			
ELECTRIC CHARACTERISTICS											
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS  (ONE EXAMPLE OF CONNECTOR CONFIGURATION IS SHOWN.)		230 mΩ MAX.		<input type="radio"/>		<input type="radio"/>			
INSULATION RESISTANCE		100 V DC.		100 MΩ MIN.		<input type="radio"/>		<input type="radio"/>			
VOLTAGE PROOF		500 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		<input type="radio"/>		<input type="radio"/>			
NEAR END CROSSTALK(NEXT)LOSS		MEASURED MINIMUM NEXT LOSS FOR EACH PAIR COMBINATION AT 100 Hz		43 dB MIN. <input type="radio"/>		<input type="radio"/>		-			
MECHANICAL CHARACTERISTICS											
MECHANICAL OPERATION		200 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 250 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		<input type="radio"/>		-			
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, ____ m/s ² AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE: 250 mΩ MAX.		<input type="radio"/>		-			
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.		③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		<input type="radio"/>		-			
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.		<input type="radio"/>		-			
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.		<input type="radio"/>		-			
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		① CONTACT RESISTANCE: 250 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		<input type="radio"/>		-			
REMARKS				DRAWN S.Sato 00.07.03	DESIGNED S.Sato 00.07.03	CHECKED T.Watanabe 00.07.03	APPROVED H.Miwa 00.07.03	RELEASED			
Unless otherwise specified, refer to JIS C 5402.											
Note QT:Qualification Test AT:Assurance Test <input type="radio"/> :Applicable Test											
 HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET				PART NO. TM21P-88P <input type="radio"/>					
CODE NO.(OLD)		DRAWING NO. ELC4-121484-04		CODE NO.		CL 222-2862-9- <input type="radio"/>		<input type="radio"/>			