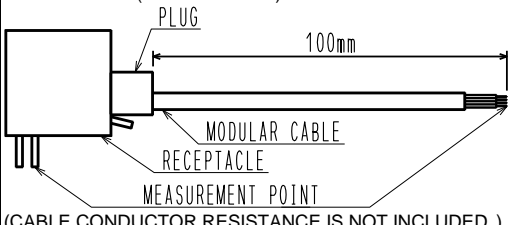



APPLICABLE STANDARD		TIA / EIA - 568 - B.2 CAT5e CAT6 (REQUIREMENTS FOR BASIIC LINK CONFIGURATION)			
RATING	OPERATING TEMPERATURE RANGE	1 -25 °C TO +60 °C $\Delta$		STORAGE TEMPERATURE RANGE	2 -25 °C TO +60 °C $\Delta$
	VOLTAGE	125 V AC		CURRENT	1 A
SPECIFICATIONS					
ITEM	TEST METHOD			REQUIREMENTS	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 MAX (DC OR 1000 Hz).  (CABLE CONDUCTOR RESISTANCE IS NOT INCLUDED.)			50 m $\Omega$ MAX.	X X
INSULATION RESISTANCE	100 V DC.			100 M $\Omega$ MIN.	X X
VOLTAGE PROOF (CONTACT TO CONTACT)	500 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.	X X
NEAR END CROSSTALK (NEXT) VOSS	MEASURED MINIMUM NEXT LOSS FOR EACH. PAIR COMBINATION AT 100 Hz. PATCH CORD TEST 0.5m.			35.28 dB MIN	X -
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	750 TIMES INSERTIONS AND EXTRACTIONS.			1)CONTACT RESISTANCE: 70 m $\Omega$ MAX. 2)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -
VIBRATION	1 CYCLE: FREQUENCY 10 → 55 → 10 Hz, SINGLE AMPLITUDE 0.75 mm, 1 OCTAVE 1 MINUTE TEST FOR 10 CYCLE EACH IN 3 DIRECTIONS.			1)NO ELECTRICAL DISCONTINUITY OF 5 $\mu$ s. 2)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.				X -
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT +40 °C, 90 ~ 95 % , 500 h.			1)CONTACT RESISTANCE: 70 m $\Omega$ MAX. 2)INSULATION RESISTANCE: 1 M $\Omega$ MIN. (AT HIGH HUMIDITY) 10 M $\Omega$ MIN. (AT DRY) 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 $\pm$ 3→5~35→85 $\pm$ 2→5~35 °C TIME 30 → 5MAX→ 30 →5MAX min UNDER 5 CYCLES.			1)CONTACT RESISTANCE: 70 m $\Omega$ MAX. 2)INSULATION RESISTANCE: 100 M $\Omega$ MIN. 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			1)CONTACT RESISTANCE: 70 m $\Omega$ MAX. 2)NO HEAVY CORROSION.	X -
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
$\Delta$	3	DIS-E-00002932	KIM JAEHYEON	TU.TANIGUCHI	20200403
REMARK 1 THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING. 2 PACKING MATERIAL IS NOT INCLUDED. Unless otherwise specified, refer to IEC 60512. $\Delta$			APPROVED	HO.MIWA	20060629
			CHECKED	YH.ENAMI	20060629
			DESIGNED	TU.TANIGUCHI	20060629
			DRAWN	TU.TANIGUCHI	20060629
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-125383-00-00
	SPECIFICATION SHEET		PART NO.	TM21DP-TM-88P	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2941-3-00	$\Delta$ 1/1