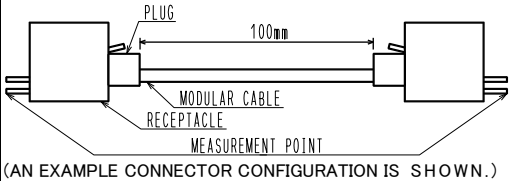


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	1 -25 °C TO 60 °C	STORAGE TEMPERATURE RANGE	2 -25 °C TO 60 °C	
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	95 % MAX	
	CURRENT	0.5 A	APPLICABLE CABLE	SHEATH: ϕ 5	
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL 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 AC).  (AN EXAMPLE CONNECTOR CONFIGURATION IS SHOWN.)		230 mΩ MAX.	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 : 250 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 5 μs. 2) CONTACT RESISTANCE : 250 mΩ MAX.	X	—
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT,CYCLIC	EXPOSED AT 40 °C, 90 TO 95 % , 500 h		1) CONTACT RESISTANCE : 250 mΩ MAX. 2) INSULATION RESISTANCE : 1 MΩ MIN. (AT HIGH HUMIDITY) 10 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5 TO 35 → 85 → 5 TO 35 °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 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	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		1)CONTACT RESISTANCE : 250 mΩ MAX. 2)NO HEAVY CORROSION.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠	1	DIS-E-00002925	KIM JAEHYEON	TU.TANIGUCHI	20200326
REMARK			APPROVED	EJ.WAKATSUKI	20130912
1 THE OPERATION TEMPERATURE INCLUDES THE TEMPERATURE RISE BY CURRENT CARRYING.			CHECKED	EJ.WAKATSUKI	20130912
2 STORAGE TEMPERATURE RANGE SHOWS STORAGE CONDITION FOR UNUSED PRODUCTS INCLUDING PACKING MATERIALS. FOLLOW THE OPERATING TEMPERATURE RANGE FOR STORAGE CONDITION AFTER MOUNTING.			DESIGNED	MT.ITANO	20130912
Unless otherwise specified, refer to IEC 60512. ⚠			DRAWN	MT.ITANO	20130912
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-120681-03-01
HRS	SPECIFICATION SHEET		PART NO.	TM11AP1-88P(03)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2782-1-03	⚠ 1/1