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 In case that the application demands a high level of reliability, such as automotive,  
 please contact a company representative for further information.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
<b>APPLICABLE STANDARD</b>									
OPERATING TEMPERATURE RANGE		-25 °C TO 80 °C			STORAGE TEMPERATURE RANGE		°C TO °C		
RATING	VOLTAGE	AC 125 V			CURRENT	100 mA			
<b>SPECIFICATIONS</b>									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			○	○
MARKING		CONFIRMED VISUALLY.						○	○
<b>ELECTRIC CHARACTERISTICS</b>									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS.			230 mΩ MAX.			○	○
INSULATION RESISTANCE		100 V DC.			100 MΩ MIN.			○	○
VOLTAGE PROOF		500 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			○	○
CONTINUITY		100 mA DC.			MUST BE CONTINUOUS.			○	○
<b>MECHANICAL CHARACTERISTICS</b>									
MECHANICAL OPERATION		200 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 250 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE: 250 mΩ MAX.			○	—
SHOCK		490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.			③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
RUBBER PROBE		RUBBER PROBE, 6.9±0.5 mm DIAMETER SHALL BE INSERTED AND WITHDRAWN. (TEST STANDARD : UL1863)			NO DEFET AT WITHDRAWING.			○	○
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
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.			○	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55±3 → 5 TO 35 → 85±2 → 5 TO 35°C TIME 30 TO 35 → 5 MA → 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.			○	—
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Unless otherwise specified, refer to JIS C 5402.				<i>S. Sato</i> 97.10.28	<i>S. Sato</i> 97.10.28	<i>S. Sato</i> 97.10.29	<i>S. Sato</i> 97.10.29		
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test									
<b>HS</b> HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. TM11AP - 88P (03)		
CODE NO.(OLD) CL		DRAWING NO. ELC4 - 120697 - 06			CODE NO. CL 222 - 2780 - 6 - 03			1 2	

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 USA

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## SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 250 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS,	○	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	<i>S. Sato</i>	<i>S. Sato</i>	<i>S. Sato</i>	<i>S. Sato</i>	
	'97.10.28	'97.10.28	97.10.29	97.10.29	

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