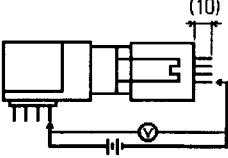


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	- 5 5 °C TO 8 5 °C			STORAGE TEMPERATURE RANGE	- °C TO - °C			
	VOLTAGE	2 5 0 V			OPERATING HUMIDITY RANGE	- % TO - %			
	CURRENT	0 . 5 A			APPLICABLE CABLE	UL2789 AWG # 28			
SPECIFICATIONS									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
CONSTRUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			○	○
MARKING		CONFIRMED VISUALLY.						○	○
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).			1 35 mΩ MAX.			○	○
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX, mA(DC OR 1000 Hz).						-	-
INSULATION RESISTANCE		500 V DC.			500 MΩ MIN.			○	○
VOLTAGE PROOF		500 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			○	○
MECHANICAL CHARACTERISTICS									
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 19.6 N MAX. EXTRACTION FORCE 73.5 N MIN.			○	-
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS. 1			① CONTACT RESISTANCE: 35 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	-
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 1.52 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: - mΩ MAX.			○	-
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.			③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	-
ENVIRONMENTAL CHARACTERISTICS									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.			① CONTACT RESISTANCE: - mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	-
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 ~ 95 %, 96 h.			① CONTACT RESISTANCE: - mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	-
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			① CONTACT RESISTANCE: - mΩ MAX.			○	-
HYDROGEN SULPHIDE		EXPOSED IN PPM FOR h. (TEST STANDARD: JEIDA-38)			② NO HEAVY CORROSION.			○	-
1 CONTACT RESISTANCE TEST POSITION									
									
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.					J. Minami 99.3.8	H. Shibata 99.3.8	H. Tsuruta 99.3.8	H. Tanabe 99.3.8	
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET				
PART NO.					DX 3 0 AM-5 0 P				
CODE NO.(OLD)			DRAWING NO.		PART NO.			1/1	
CL			ELC 4-0 4 2 4 7 5		CL 2 3 0-5 0 2 8-5				