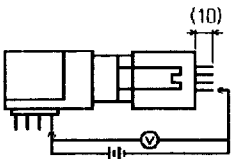


	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△						△						
△						△						
APPLICABLE STANDARD												
RATING	OPERATING TEMPERATURE RANGE		- 5 5 °C TO 8 5 °C			STORAGE TEMPERATURE RANGE		- 5 5 °C TO 8 5 °C				
	VOLTAGE		1 2 5 V			OPERATING HUMIDITY RANGE		- % TO - %				
	CURRENT		0 . 5 A			APPLICABLE CABLE		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 26.66 N MAX. EXTRACTION FARCE 99.96 N MIN.				○	-	
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 70 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				○	-	
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.76 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: 70 Ω 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: 70 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: 70 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: 70 mΩ MAX.				○	-	
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 120 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.						K. Gakubuchi '98.05.23	K. Gakubuchi '98.05.23	T. Aiso '98.05.23	H. Tanaka '98.6.27			
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test												
HS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET						PART NO. DX30AM-68P
CODE NO.(OLD) CL			DRAWING NO. ELC4-040387			PART NO. CL230-5029-8			1/1			