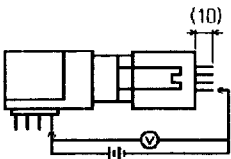


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				

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.	○	-		
<div>1 → CONTACT RESISTANCE TEST POSITION</div> 						
REMARKS		DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.		K. Gakubuchi	K. Gakubuchi	T. Aiso	H. Tanaka	
		'98.05.23	'98.05.23	'98.05.23	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)	DRAWING NO.	PART NO.		1/1		
CL	ELC4-040387	CL230-5029-8				