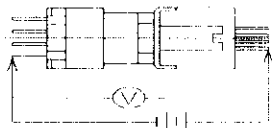


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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△					△					
△					△					
APPLICABLE STANDARD										
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C			STORAGE TEMPERATURE RANGE	°C TO °C				
	VOLTAGE	250 V AC			OPERATING HUMIDITY RANGE	% TO %				
	CURRENT	0.5 A			APPLICABLE CABLE					
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.				○	○
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.				19.7 N MIN. 73.5 N MAX.				○	-
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 0.75 mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.				NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				○	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.								○	-
ENVIRONMENTAL CHARACTERISTICS										
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 2~3 → 30 → 2~3 min UNDER 5 CYCLES.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				○	-	
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90~95 %, 96 h.			INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY.) 100 MΩ MIN. (AT DRY.)				○	-	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.				○	-	
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION, DURATION 10 ± 1 S.			NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.				○	-	
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 245 ± 2 °C FOR IMMERSION, DURATION 3 ± 1 S.			MIN. 95 % OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.				○	-	
NOTE: ① MEASUREMENT POINT OF CONTACT RESISTANCE										
										
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Unless otherwise specified, refer to JIS C 5402.					<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test					03.10.16	03.10.16				
HS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO.		
					DX20M-50S(50)					
CODE NO. (OLD)			DRAWING NO.			CODE NO.				
CL			ELC4-040855-01			CL230-5016-6-50				
						1/1				