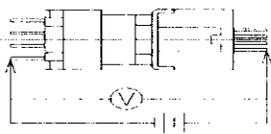


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△	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	△	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
<b>APPLICABLE STANDARD</b>											
<b>RATING</b>	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C		STORAGE TEMPERATURE RANGE	°C TO °C						
	VOLTAGE	250 V AC		OPERATING HUMIDITY RANGE	% TO %						
	CURRENT	0.5 A		APPLICABLE CABLE							
<b>SPECIFICATIONS</b>											
<b>ITEM</b>		<b>TEST METHOD</b>				<b>REQUIREMENTS</b>			<b>QT</b>	<b>AT</b>	
<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) <span style="float: right;">①</span>				35 mΩ MAX.			○	○	
INSULATION RESISTANCE		500 V DC.				500 MΩ MIN.			○	○	
VOLTAGE PROOF		500 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			○	○	
<b>MECHANICAL CHARACTERISTICS</b>											
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.				7.9 N MIN. 29.4 N MAX.			○	-	
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS. <span style="float: right;">①</span>				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 <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○	-	
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.							○	-	
<b>ENVIRONMENTAL CHARACTERISTICS</b>											
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. <span style="float: right;">①</span> MEASUREMENT POINT OF CONTACT RESISTANCE											
											
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED		
					<i>[Signature]</i>	<i>[Signature]</i>	<i>Y. Enami</i>	<i>H. Minami</i>			
Unless otherwise specified, refer to JIS C 5402.											
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test											
<b>HS HIROSE ELECTRIC CO., LTD.</b>				<b>SPECIFICATION SHEET</b>				PART NO. <b>DX20M-20S(50)</b>			
CODE NO (OLD) <b>CL</b>			DRAWING NO. <b>ELC4-041443-01</b>			CODE NO. <b>CL230-5013-8-50</b>			1/1		