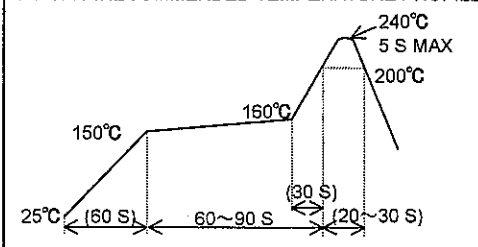


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		DIS-F-002220(A)	H.S		07.7.29														
		DIS-F-005261(B)	H.S	H.Y	11.1.24														
APPLICATION STANDARD																			
RATING		OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C					STORAGE TEMPERATURE RANGE		-10 °C TO 60 °C									
		VOLTAGE	AC 50 V					OPERATING HUMIDITY RANGE		RELATIVE HUMIDITY : 95 % MAX (NO DEW CONDENSATION IS PERMITTED)									
		CURRENT	0.3 A																
SPECIFICATIONS																			
ITEM		TEST METHOD					REQUIREMENT					QT	AT						
CONSTRUCTION																			
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.					ACCORDING TO DRAWING					X	X						
MARKING		CONFIRMED VISUALLY.										X	X						
ELECTRICAL CHARACTERISTICS																			
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).					70 mΩ MAX.					X	X						
INSULATION RESISTANCE		100 V DC.					100 MΩ MIN.					X	—						
VOLTAGE PROOF		150 V AC FOR 1 min.					NO FLASHOVER OR BREAKDOWN.					X	X						
MECHANICAL CHARACTERISTICS																			
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.					INSERTION FORCE: 60 N MAX. WITHDRAWAL FORCE: 2.5 N MIN.					X	—						
MECHANICAL OPERATION		50 TIMES INSERTION AND EXTRACTIONS.					1)CONTACT RESISTANCE: 80 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.					X	—						
VIBRATION		FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE: 0.75 mm, — m/s ² AT 10 CYCLES FOR 3 DIRECTIONS.					1)NO ELECTRICAL DISCONTINUITY OF 1 μs MIN. 2)NO DAMAGE, CRACK AND LOOSENESS OF PART.					X	—						
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.										X	—						
ENVIRONMENTAL CHARACTERISTICS																			
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90~95 %, 96 h.					1)CONTACT RESISTANCE: 80 mΩ MAX. 2)INSULATION RESISTANCE: 100 MΩ MIN.					X	—						
RAPID CHAGE OF TEMPERTURE		TEMPERTURE -55→15~35→ 85→15~35°C TIME 30→ 2~ 3→ 30→ 2~ 3 min. UNDER 5 CYCLES.					3)NO DAMAGE, CRACK AND LOOSENESS OF PART.					X	—						
DRY HEAT COLD		EXPOSED AT 85 °C, 96 h.					1)CONTACT RESISTANCE: 80 mΩ MAX. 2)NO DAMAGE, CRACK AND LOOSENESS OF PART.					X	—						
		EXPOSED AT -55 °C, 96 h.										X	—						
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.					NO HEAVY CORROSION.					X	—						
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD:JIS C 0090)					1)CONTACT RESISTANCE: 80 mΩ MAX. 2)NO HEAVY CORROSION.					X	—						
RESISTANCE TO SOLDERING HEAT		REFLOW :RECOMMENDED TEMPERATURE PROFILE  25°C (60 S) 150°C 160°C 200°C 240°C 5 S MAX (30 S) (20~30 S) TO BE TESTED UNDER THE ABOVE CONDITIONS.					NO MELTING OF RESIN WHICH AFFECTS THE PERFORMANCE OF COMPONENT.					X	—						
SOLDRABILITY		SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s.					NO PINHOLE OR DEWETTING ON SOLDERED SURFACE.					X	—						
REMARKS										DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED					
										<i>J. Matsukawa</i>	<i>J. Matsukawa</i>	<i>M. Ishida</i>	<i>J. Yoshimura</i>						
UNLESS OTERWISE SPECIFIED ,REFER TO JIS C 5402.										02.01.15	02.01.15	02.01.17	02.01.17						
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST																			
HRS HIROSE ELECTRIC CO.,LTD.										SPECIFICATION SHEET					PART NO. FX11A - 100S - SV (22)				
CODE NO.(OLD) CL					DRAWING NO. ELC4 - 152641 - 02					CODE NO. CL 573 - 0743 - 6 - 22					1 1				

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