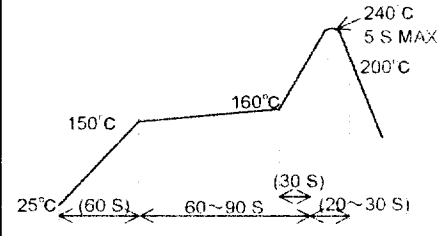


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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△					△					
△					△					
APPLICATION STANDARD										
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C			STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C				
	VOLTAGE	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).			60 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 FORCE		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE: 100.8 N MAX. WITHDRAWAL FORCE: 4.2 N MIN.				X	—
MECHANICAL OPERATION		50 TIMES INSERTION AND EXTRACTION.			1)CONTACT RESISTANCE: 70 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 WITH 10 CYCLES IN 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 FOR 3 TIMES IN 3 DIRECTIONS.							X	—
ENVIRONMENTAL CHARACTERISTICS										
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90~95 %, 96 h.			1)CONTACT RESISTANCE: 70 mΩ MAX. 2)INSULATION RESISTANCE: 100 MΩ MIN.				X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -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		EXPOSED AT 85 °C, 96 h.			1)CONTACT RESISTANCE: 70 mΩ MAX.				X	—
COLD		EXPOSED AT -55 °C, 96 h.			2)NO DAMAGE, CRACK AND LOOSENESS OF PART.				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: 70 mΩ MAX. 2)NO HEAVY CORROSION.				X	—
RESISTANCE TO SOLDERING HEAT		REFLOW RECOMMENDED TEMPERATURE PROFIL  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. Takada</i>	<i>J. Takada</i>	<i>M. Ishida</i>	<i>T. Yoshimura</i>		
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.					00.01.13	00.01.13	00.01.13	00.01.13		
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST										
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. FX10A - 168S - SV(21)		
CODE NO.(OLD)		DRAWING NO.			CODE NO.			1		
CL		ELC4 - 151987 - 01			CL 570 - 0244 - 7 - 21			1		