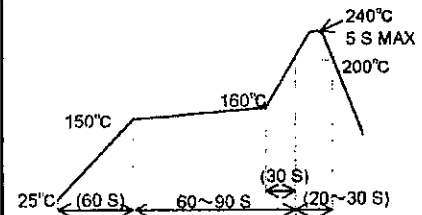


TO
PCK

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 PROFILE  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				
				J. Takada	J. Takada	M. Sakai	T. Yoshimura					
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.				00.01.13	00.01.13	00.01.13	00.01.14					
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST												
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			FX10B - 168S - SV(21)					
CODE NO. (OLD)			DRAWING NO.		CODE NO.			1	1			
CL			ELC4 - 151991 - 01		CL 570 - 0254 - 0 - 21			1	1			