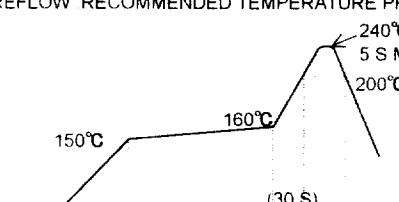


DESCRIPTION OF REVISIONS				BY	CHKD	DATE	DESCRIPTION OF REVISIONS				BY	CHKD	DATE		
△	△	△	△	△	△	△	△	△	△	△	△	△			
APPLICATION STANDARD															
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C			STORAGE TEMPERATURE RANGE		-10 °C TO 60 °C								
	VOLTAGE	AC 50 V			OPERATING HUMIDITY RANGE		RELATIVE 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 FORCES	MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE: 84 N MAX WITHDRAWAL FORCE: 3.5 N MIN.						X	—			
MECHANICAL OPERATION	50 TIMES INSERTION AND EXTRACTIONS.				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 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.				2) NO DAMAGE, CRACK AND LOOSENESS OF PART.						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		
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.					99.10.27		99.10.27		99.10.28		99.10.28				
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST															
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET				PART NO.				FX11LB - 140P - SV (22)			
CODE NO.(OLD)		DRAWING NO.		CODE NO.										1	
CL		ELC4 - 152107 - 02		CL 573 - 0055 - 3 - 22										1	