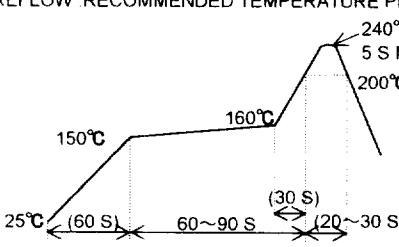


DESCRIPTION OF REVISIONS				BY	CHKD	DATE	DESCRIPTION OF REVISIONS				BY	CHKD	DATE
△	△	△	△	△	△	△	△	△	△	△	△	△	
APPLICATION STANDARD													
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C				STORAGE TEMPERATURE RANGE		-10 °C TO 60 °C					
	VOLTAGE	AC 50 V				OPERATING HUMIDITY RANGE		RELATIVE HUMIDITY: 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.								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 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	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 -				
SOLDABILITY	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>H. Nakamura</i> 99.10.27	<i>H. Itohara</i> 99.10.27	<i>M. Saitoh</i> 99.10.28	<i>J. Yamada</i> 99.10.28					
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.													
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST													
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET				PART NO. FX11LA - 140P - SV (22)					
CODE NO.(OLD)		DRAWING NO.		CODE NO.				CL 573 - 0045 - 0 - 22			1		
CL		ELC4 - 152103 - 02									1		