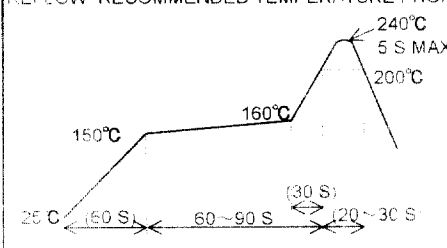


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
1	RE-F-06478	J.M	m.d	99.7.29						
<b>APPLICATION STANDARD</b>										
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C			STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C				
	VOLTAGE	AC 50 V			OPERATING HUMIDITY RANGE	RELATIVE HUMIDITY 95% MAX (NO DEW CONDENSATION IS PERMITTED)				
	CURRENT	0.3 A								
<b>SPECIFICATIONS</b>										
ITEM		TEST METHOD			REQUIREMENT			QT	AT	
<b>CONSTRUCTION</b>										
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT			ACCORDING TO DRAWING			○	○	
MARKING		CONFIRMED VISUALLY.						○	○	
<b>ELECTRICAL CHARACTERISTICS</b>										
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).			60 mΩ MAX.			○	○	
INSULATION RESISTANCE		100 V DC.			100 MΩ MIN.			○	—	
VOLTAGE PROOF		150 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN			○	○	
<b>MECHANICAL CHARACTERISTICS</b>										
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE: 55.2 N MAX WITHDRAWAL FORCE: 2.3 N MIN.			○	—	
MECHANICAL OPERATION		50 TIMES INSERTION AND EXTRACTIONS			1) CONTACT RESISTANCE: 70 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.			○	—	
VIBRATION		FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE: 0.75 mm, m/s <sup>2</sup> AT 10 CYCLES FOR 3 DIRECTIONS.			1) NO ELECTRICAL DISCONTINUITY OF 1 μs MIN. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART			○	—	
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.						○	—	
<b>ENVIRONMENTAL CHARACTERISTICS</b>										
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.			○	—	
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			○	—	
DRY HEAT		EXPOSED AT 85 °C, 96 h.			1) CONTACT RESISTANCE: 70 mΩ MAX.			○	—	
COLD		EXPOSED AT -55 °C, 96 h.			2) NO DAMAGE, CRACK AND LOOSENESS OF PART					
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			○	—	
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JIS C 0090)			1) CONTACT RESISTANCE: 70 mΩ MAX. 2) NO HEAVY CORROSION.			○	—	
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.			○	—	
SOLDRABILITY		SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s.			NO PINHOLE OR DEWETTING ON SOLDERED SURFACE			○	—	
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED		
				S Kitajima 99.05.25	J Matsukawa 99.05.25	M.Ishida 99.05.26	Y.Yoshimura 99.05.27			
UNLESS OTERWISE SPECIFIED, REFER TO JIS C 5402										
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST ○ APPLICABLE TEST										
<b>HRS</b> HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO			
							FX11LB - 92P - SV			
CODE NO.(OLD)		DRAWING NO			CODE NO			1		
CL		ELC4 - 152105 -			CL 573 - 0053 - 8			1		

TO  
PCK