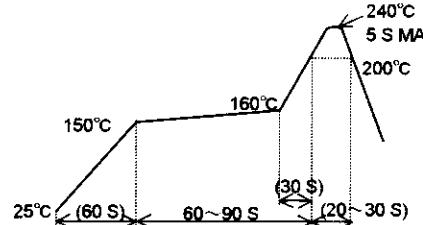
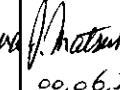
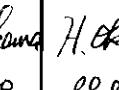
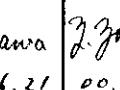


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
<b>APPLICATION STANDARD</b>									
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C			STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C			
	VOLTAGE	AC 50 V			OPERATING HUMIDITY RANGE	RELATIVE HUMIDITY : 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			X	X	
MARKING	CONFIRMED VISUALLY.						X	X	
<b>ELECTRICAL CHARACTERISTICS</b>									
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).			70 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	
<b>MECHANICAL CHARACTERISTICS</b>									
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE: 48 N MAX. WITHDRAWAL FORCE: 2 N MIN.			X	—	
MECHANICAL OPERATION	50 TIMES INSERTION AND EXTRACTIONS.			1) CONTACT RESISTANCE: 80 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 $\mu$ s 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	—	
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90~95 %, 96 h.			1) CONTACT RESISTANCE: 80 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: 80 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: 80 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	—	
SOLDERABILITY	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			
TO									
PCK									
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.				00.06.20	00.06.20	00.06.21	00.06.23		
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST									
<b>HRS</b> HIROSE ELECTRIC CO., LTD.			SPECIFICATION SHEET			PART NO. <b>FX11B- 80P - SV</b>			
CODE NO.(OLD)		DRAWING NO.		CODE NO.		CL 573 - 0558- 4			1
CL		ELC4 - 152613							1