

In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

TO	
PCK	

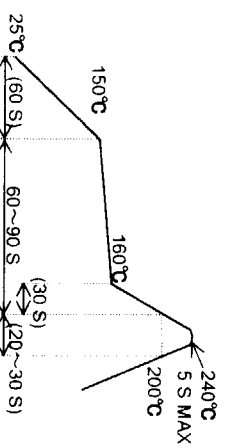
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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS

APPLICATION STANDARD		OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C
RATING 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	Q/T	A/T
CONSTRUCTION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING	X	X
GENERAL EXAMINATION	CONFIRMED VISUALLY.		X	X
<b>ELECTRICAL CHARACTERISTICS</b>				
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
<b>MECHANICAL CHARACTERISTICS</b>				
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 <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.	X	-
SHOCK	490 m/s <sup>2</sup> 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: 70 mΩ MAX. 2)INSULATION RESISTANCE: 100 MΩ MIN. 3)NO DAMAGE, CRACK AND LOOSENESS OF PART.	X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE :55→15~35→ 85→15~35°C TIME 30→ 2~ 3→ 30→ 2~ 3 min. UNDER 5 CYCLES.		X	-
DRY HEAT	EXPOSED AT 85 °C, 96 h.	1)CONTACT RESISTANCE: 70 mΩ MAX. 2)NO DAMAGE, CRACK AND LOOSENESS OF PART.	X	-
COLD	EXPOSED AT -55 °C, 96 h.		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	NO MELTING OF RESIN WHICH AFFECTS THE PERFORMANCE OF COMPONENT.	X	-



SOLDERABILITY	TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s.	NO PINHOLE OR DEWETTING ON SOLDERED SURFACE.	X	-
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REMARKS				
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.				
NOTE Q1: QUALIFICATION TEST AT ASSURANCE TEST X: APPLICABLE TEST				

<b>HRS</b> HIROSE ELECTRIC CO.,LTD.	<b>SPECIFICATION SHEET</b>	PART NO.	<b>FX11LA - 140P - SV (22)</b>
CODE NO.(OLD)	DRAWING NO.	CODE NO.	
CL	ELC4 - 152103 - 02	CL 573 - 0045 - 0 - 22	

DESIGNED	CHECKED	APPROVED	RELEASED
<i>Handwritten Signature</i>	<i>Handwritten Signature</i>	<i>Handwritten Signature</i>	
99.10.27	99.10.28	99.10.28	