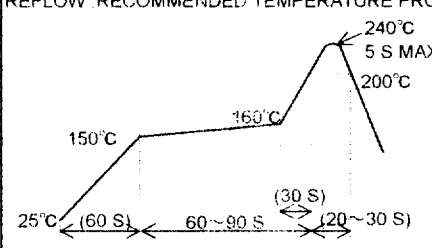


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				

APPLICATION STANDARD			
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C	STORAGE TEMPERATURE RANGE
	VOLTAGE	AC 50 V	OPERATING HUMIDITY RANGE
	CURRENT	0.3 A	RELATIVE HUMIDITY : 95 % MAX (NO DEW CONDENSATION IS PERMITTED)

SPECIFICATIONS			
ITEM	TEST METHOD	REQUIREMENT	QT
CONSTRUCTION			
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT	ACCORDING TO DRAWING	X
MARKING	CONFIRMED VISUALLY.		X
ELECTRICAL CHARACTERISTICS			
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz)	60 mΩ MAX.	X
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	X
VOLTAGE PROOF	150 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X
MECHANICAL CHARACTERISTICS			
INSERTION AND WITHDRAWAL FORCE	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE: 86.4 N MAX. WITHDRAWAL FORCE: 3.6 N MIN.	X
MECHANICAL OPERATION	50 TIMES INSERTION AND EXTRACTION.	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 WITH 10 CYCLES IN 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 FOR 3 TIMES IN 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 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
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s.	NO PINHOLE OR DEWETTING ON SOLDER SURFACE.	X

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	J. Takada	J. Takada	M. Sakada	T. Yoshimura	
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.	00.01.13	00.01.13	00.01.13	00.01.14	

NOTE		QT: QUALIFICATION TEST	AT: ASSURANCE TEST	X: APPLICABLE TEST
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO.
CODE NO.(OLD)		DRAWING NO.		CL
CL		ELC4 - 151986 - 01		CL 570 - 0243 - 4 - 21

DRAWING FOR REFERENCE: This is subject to change without notice

08/11/2012

TO
PCK