

DRAWING FOR REFERENCE: This is subject to change without notice
08/11/2012

△	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	△	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
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APPLICABLE STANDARD		PC Card Standard	
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO +85 °C	STORAGE TEMPERATURE RANGE
	VOLTAGE		OPERATING HUMIDITY RANGE
	CURRENT		95%MAXIMUM (NON-CONDENSING)
SPECIFICATIONS			
ITEM	TEST METHOD	REQUIREMENTS	QT AT
CONSTRUCTION			
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X X
MARKING	CONFIRMED VISUALLY.		X X
MECHANICAL CHARACTERISTICS			
MECHANICAL OPERATION [OFFICE ENVIRONMENT]	10000 TIMES INSERTIONS AND EXTRACTIONS.	NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.	X —
VIBRATION AND HIGH FREQUENCY METHOD 204D	FREQUENCY 10 TO 2000 Hz, AMPLITUDE 1.52 mm, 147 m/s ² PEAK FOR 4 h, IN 3 DIRECTIONS.	NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.	X —
SHOCK METHOD 213B	ACCELERATION 490 m/s ² STANDARD HOLDING TIME 11 ms, SEMI-SINE WAVE FOR 3 TIMES IN 3 DIRECTION.		X —
ENVIRONMENTAL CHARACTERISTICS			
MOISTURE RESISTANCE METHOD 106E	10 CYCLES (1 CYCLE=24 HOURS) WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.	NO HEAVY CORROSION.	X —
THERMAL SHOCK METHOD 107G	TEMPERATURE -55 → +5~35 → +85 → +5~35 °C TIME 30 → 5 MAX. → 30 → 5 MAX. min. UNDER 5 CYCLES WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.	NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.	X
DURABILITY (HIGH TEMPERATURE) METHOD 108A	EXPOSED AT 85 °C, 250 HOURS WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.	NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.	X
COLD RESISTANCE [JIS C 0020]	EXPOSED AT -55 °C, 96 HOURS WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.	NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.	X
HUMIDITY (NORMAL CONDITION) METHOD 103B	EXPOSED AT 40±2 °C, 90 TO 95 % RH 96 HOURS WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.	NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.	X
HYDROGEN SULPHIDE [JEIDA-38]	EXPOSED IN 3 PPM HYDROGEN SULFIDE, 40±2 °C, APPROX. 80% RH, 96 HOURS, WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.	NO HEAVY CORROSION	X
CORROSION SALT MIST METHOD 101D	EXPOSED IN 5±1 % SALT WATER SPRAY, 35±2 °C, 48 HOURS, WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE RINSED WITH WATER AND DRIED AT THE AMBIENT TEMP. FOR 24 HOURS.	NO HEAVY CORROSION	X
REMARKS		DRAWN	DESIGNED
		CHECKED	APPROVED
		RELEASED	
Unless otherwise specified, refer to MIL-STD-202F. Note QT: Qualification Test AT: Assurance Test X: Applicable Test		<i>M. Ezaki</i> 02.04.05	<i>M. Ezaki</i> 02.04.05
		<i>A. Tanaka</i> 02.04.08	<i>T. Yamaguchi</i> 02.04.08
HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET	
CODE NO.(OLD) CL		PART NO. IC14A-G-PEJL	
DRAWING NO. ELC4-153300		CODE NO. CL640-1412-1	
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