

APPLICABLE STANDARD		PC Card Standard			
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO +85 °C		STORAGE TEMPERATURE RANGE	-40 °C TO +70 °C
	VOLTAGE			OPERATING HUMIDITY RANGE	95%MAX
	CURRENT				(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 TO 35 → +85 → +5 TO 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 —
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	KI. AKIYAMA	08.10.21
			CHECKED	SI. TOMIOKA	08.10.21
			DESIGNED	NH. SUGITA	08.10.21
			DRAWN	NH. TAMAI	08.10.17
Unless otherwise specified, refer to MIL-STD-202F.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-153298-01
HRS	SPECIFICATION SHEET		PART NO.	IC14-G-PEJL (10)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL640-1410-6-10	△ 1/1

FORM HD0011-2-1