

TO
PCK

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
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%MAXIMUM (NON-CONDENSING)			
	CURRENT								
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 3TIMES 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 → 5MAX. 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
					K.KAGOTANI	K.KAGOTANI	S. Obara	K. Hayama	
					'04/04/06	'04/04/06	04.04.07	04.04.07	
Unless otherwise specified, refer to MIL-STD-202F.									
Note QT:Qualification Test AT:Assurance Test X:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET				
PART NO.					I C 1 4 A - G - P E J R				
CODE NO.(OLD)			DRAWING NO.			CODE NO.			1/1
CL			ELC4-153299			CL 6 4 0 - 1 4 1 1 - 9			1/1