	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
1						3					
2						4					

APPLICABLE STANDARD	PC Card Standard			
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO +85 °C	STORAGE TEMPERATURE RANGE	-40 °C TO +70 °C
	VOLTAGE	1～68: AC 125V	OPERATING HUMIDITY RANGE	95%MAXIMUM
	CURRENT	1～68: 0.5A		(NON-CONDENSING)

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		○	○
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE (LOW LEVEL) [MIL-STD-1344A] METHOD 3002.1	OPEN VOLTAGE 20 mV AC MAX, TEST CURRENT 1mA.		—	—
WITHSTANDING VOLTAGE **METHOD 301**	500 Vrms AC IS APPLIED FOR 1 MINUTE.		—	—
INSULATION RESISTANCE **METHOD 302**	MEASURE WITHIN 1 MINUTE AFTER APPLYING 500 V DC.		—	—
MECHANICAL CHARACTERISTICS				
SINGLE PIN PULLING FORCE	PULL THE STEEL GAUGE PIN. GAUGE SIZE: ϕ0.420±0.005mm		—	—
TOTAL INSERTION FORCE	MEASURED BY APPLICABLE CONNECTOR.		—	—
TOTAL PULLING FORCE			—	—
MECHANICAL OPERATION [OFFICE ENVIRONMENT]	10000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE :AFTER TEST 20 mΩ MAXIMUM CHANGE. ② NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.	○	—
VIBRATION AND HIGH FREQUENCY **METHOD 204D**	FREQUENCY 10 TO 2000 Hz, AMPLITUDE1.52 mm, 147 m/s^2 PEAK AT 4 h, FOR 3 DIRECTIONS.	① MUST NOT CAUSE CURRENT INTERRUPTION GREATER THAN 100 ns. ② NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.	○	—
SHOCK **METHOD 213B**	ACCELERATION 490 m/s^2 STANDARD HOLDING TIME 11 ms, SEMI-SINE WAVE AT 3TIMES FOR 3 DIRECTION.		○	—
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.	① CONTACT RESISTANCE :AFTER TEST 20 mΩ MAXIMUM CHANGE. ② INSULATION RESISTANCE :AFTER TEST 100 MΩ MINIMUM. ③ NO HEAVY CORROSION.	○	—
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.	① CONTACT RESISTANCE :AFTER TEST 20 mΩ MAXIMUM CHANGE. ② INSULATION RESISTANCE :AFTER TEST 100 MΩ MINIMUM. ③ NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.	○	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to MIL-STD-202F.		M. Ezaki 98.11.04	M. Ishida 98.11.04	K. Ogata 98.11.06	

Note QT:Qualification Test AT:Assurance Test ○:Applicable Test

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. IC11SA-BUR-EJR

CODE NO.(OLD)	DRAWING NO.	PART NO.	
CL	ELC4-151869	CL640-1057-1	1 2

FORM No.231-1

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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.	① CONTACT RESISTANCE :AFTER TEST 20 mΩ MAXIMUM CHANGE. ② NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.	○	—
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.	① CONTACT RESISTANCE :AFTER TEST 20 mΩ MAXIMUM CHANGE. ② NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.	○	—
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.	① CONTACT RESISTANCE :AFTER TEST 20 mΩ MAXIMUM CHANGE. ② INSULATION RESISTANCE :AFTER TEST 100 MΩ MINIMUM. ③ NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.	○	—
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.	① CONTACT RESISTANCE :AFTER TEST 20 mΩ MAXIMUM CHANGE. ② NO HEAVY CORROSION	○	—
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.	○	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to MIL-STD-202F.	[illegible] 98.11.04	M Ezaki 98.11.04	M Ishida 98.11.04	K. Sagata 98.11.06	

Note QT:Qualification Test AT:Assurance Test ○:Applicable Test

HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. IC11SA-BUR-EJR

CODE NO.(OLD)	DRAWING NO.	PART NO.	
CL	ELC4-151869	CL640-1057-1	2

FORM No.231-2 (PC)