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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	1~68: AC 125V	OPERATING HUMIDITY RANGE	95% MAXIMUM (NON-CONDENSING)
	CURRENT	1~68: 0.5A		

SPECIFICATIONS


ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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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: φ 0.420±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, AMPLITUDE 1.52 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 → 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.	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
	<p align="center">FOR REFERENCE ONLY Subject to change without notice</p> <p>Unless otherwise specified, refer to MIL-STD-202F.</p> <p>Note QT:Qualification Test AT:Assurance Test ○:Applicable Test</p>				
	<i>M. Egaku</i>	<i>M. Egaku</i>	<i>M. Sakichi</i>	<i>T. Yoshimura</i>	
	98.03.24	98.03.24	98.03.24	98.03.24	


TO
PCM

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HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET		PART NO.	IC11-BD-EJR
	CODE NO. (OLD) CL	DRAWING NO. ELC4-151606	PART NO. CL640-1053-0	1 2

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.	○	—
<p>FOR REFERENCE ONLY Subject to change without notice</p>				

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to MIL-STD-202F.	<i>M. Egahai</i>	<i>M. Egahai</i>	<i>M. Sakaki</i>	<i>T. Yoshimura</i>	
		198.03.24	198.03.24	98.03.24	

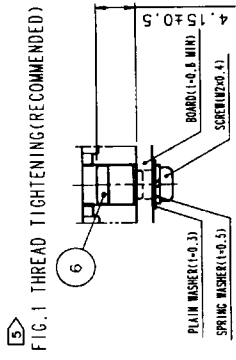
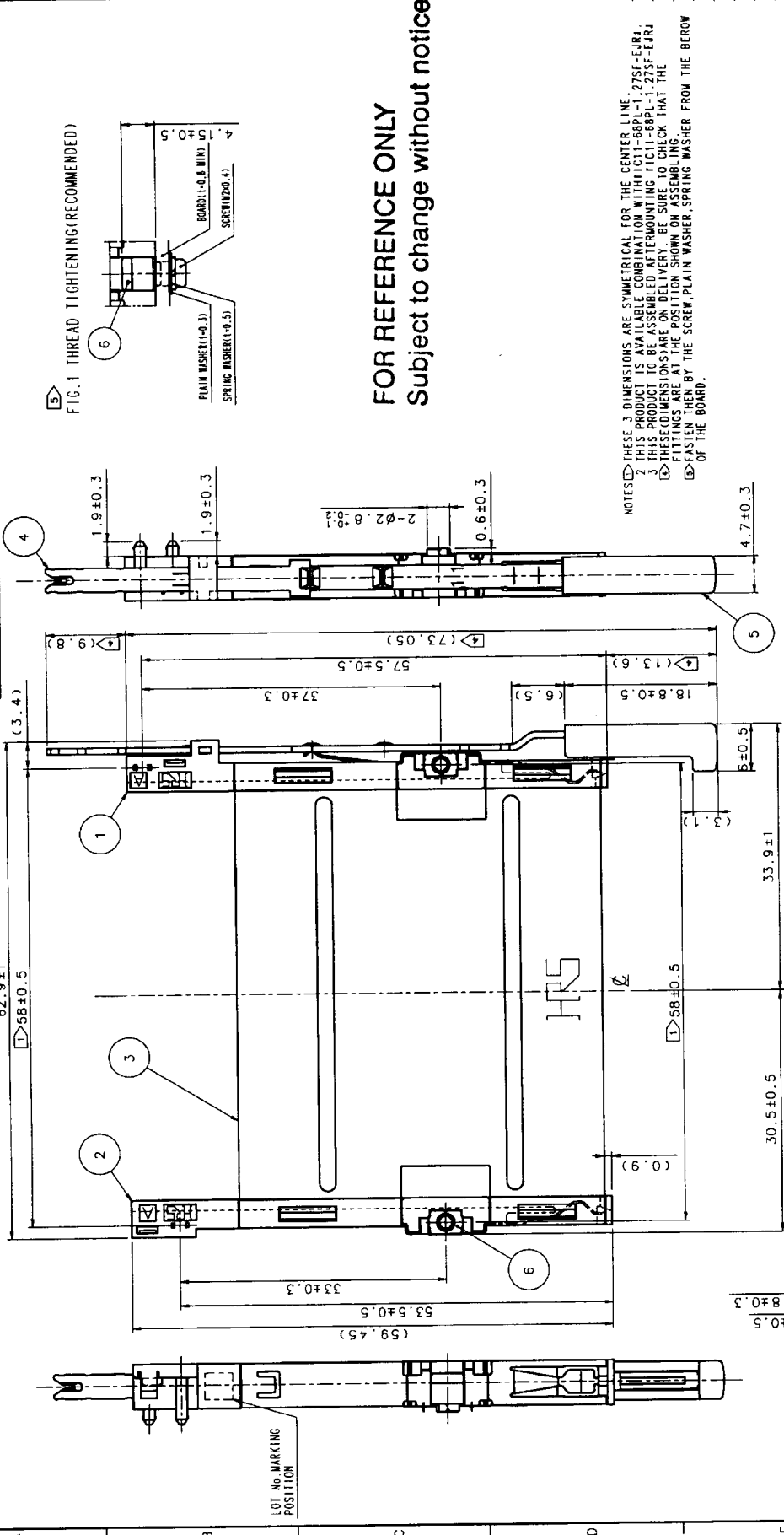
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. IC11-BD-EJR
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CODE NO.(OLD) CL	DRAWING NO. ELC4-151606	PART NO. CL640-1053-0	2
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5	6	7	8
COUNT DESCRIPTION OF REVISIONS	BY CHKD	DATE	COUNT DESCRIPTION OF REVISIONS



FOR REFERENCE ONLY
 Subject to change without notice

NOTES: THESE 3 DIMENSIONS ARE SYMMETRICAL FOR THE CENTER LINE.
 2 THIS PRODUCT IS AVAILABLE COMBINATION WITH IC11-68PL-1, 27SF-EJRF.
 3 THIS PRODUCT TO BE ASSEMBLED AFTER MOUNTING IC11-68PL-1, 27SF-EJRF.
 4 THESE DIMENSIONS ARE ON DELIVERY. BE SURE TO CHECK THAT THE FITTINGS ARE AT THE POSITION SHOWN ON ASSEMBLING.
 5 FASTEN THEN BY THE SCREW, PLAIN WASHER, SPRING WASHER FROM THE BELOW OF THE BOARD.

3. 4 STAINLESS STEEL	6 STEEL	M2x0.4	APPROVED
1. 2 PBT	5 PBT	BLACK	UL94V-0
NO. MATERIAL FINISH, REMARKS	NO. MATERIAL FINISH, REMARKS		
CODE NO. (OLD)	CL		
DRAWN	DESIGNED	CHECKED	APPROVED
<i>M. Eguchi</i>	<i>M. Eguchi</i>	<i>M. Uchida</i>	<i>J. Yoshimura</i>
98.03.27	98.03.27	98.03.28	98.03.24
DRAWING NO. EDC3-151606		PART NO. IC11-BD-EJR	
SCALE FREE		CODE NO. CL640-1053-0	
UNITS mm		HIROSE ELECTRIC CO., LTD.	
FORM NO. 229		PC	

