

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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	를 5	Note QT:Qualification Test	PRESSURE 86 TO	NOTE 2:CONTA	NOTE 1:INCLUDE	REMARK	COUNT	DAMP HEAT, CYCLIC IEC60512-6-11m	SHOCK IEC60512-4-6c	ION AND ENCY EC60512	MECHANICAL OPERA ION [OFFICE ENVIRONMENT] EIA364B class1.1	MECHANICAL CHARACTE CARD INSERTION FORCE	INSULATION RESISTANCE	VOLTAGE PROOF IEC60512-2-4a	CONTACT RESISTANCE MILLIVOLT LEVEL METHOD IEC60512-2-2a	ELECTRIC CHARACTERISTICS	GENERAL EXAMINATION MARKING	CONSTRUCTION		CUF	RATING VOL	APPLICABLE STANDARD OPERATING TEMPERATURE RANGE
HIROSE ELECTRIC	SPECIFICATION SHEET	cation Test AT:Assurance Test X:Applicable Test	RELATIVE	SPECIFIED THE TEST SHOLLDES	NOTE 1:NOLUDE THE TEMPERATURE RISE B		DESCRIPTION OF RE	SCIIC 10 CYCLES (1 CYCLES) 11m ENGAGED. ENGAGED. Signature and of temperature and the state of tempe	SEMI-SINE WAVE	HIGH FREQUENCY 10 TO 55 TO 10 Hz/m AMPLITUDE 0.75 mm FOR 2 h IN 3 4-6d		⊥ ^~	2-3a MEASURE WITHIN 1	-4a	STANCE OPEN VOLTAGE 20 L METHOD TEST CURRENT 1mA 2-2a	ST				CURRENT	VOLTAGE	SD SD
C CO., LTD.	N SHEET	X:Applicable Test		CONDUCTOR RE	URRENT.		REVISIONS	10 CYCLES (1 CYCLE=24 HOURS)WITH CONNECTORS ENGAGED. Find of temperature rise Reginning of temperature 10% 5% 96% 96% 96% 95% 12±1/2h 12±1/2h 3/2h 40 or MAX temp2°C 40 or MAX temp2°C 24h	ACCELERATION 490m/s² STANDARD HOLDING TIME 11 ms, SEMI-SINE WAVE FOR 3TIMES IN 3 DIRECTIONS.	TO 55 TO 10 Hz/min, SINGLE		PPLICABLE CORD AT 25mm/min	MEASURE WITHIN 1 min AFTER APPLYING 500 V DC	500 Vrms AC IS APPLIED FOR 1 min.	20 mV AC MAX, lmA.	<u> </u>	VISUALLY AND BY MEASURING INSTRUMENT.	TEST METHOD	1 🗠	0.5A	AC 125V	Card Specifications Ver. 1.0 -25 °C TO +85 °C (NOTE1)
CODE NO.	PART NO.	DRAWING NO	6	SISTANCE.UNLESS			DESIGNED	descrent ©	//E 11 ms,	,	N = 3 C		·	①NO FI ②CURF	INITIALI	_	ACCORDING		FICATIONS		HUMIDITY RANGE	STORAGE TEMPERATURE RANGE
CL609-(NO.	DRAWN	DESIGNED	CHECKED	APPROVED		① CONTACT RESISTANCE: AFTER TEST 40 mΩ MAX CHAN ② INSULATION RESISTANCE: AFTER TEST 100 MΩ MIN. ③ NO MECHANICAL DAMAGE OR CORROSION SHALL OCCUR ON PARTS.		① NO ELECTRICAL DISCONTINUITIONS. ② NO MECHANICAL DAMAGE SHOCCUR ON THE PARTS.	(1) CONTACT RESISTANCE: AFTER TEST 40 mΩ MAX CHANGE. (CONTACT RESISTANCE REVERSION INSERTION AND EXTRACTION IS VAIL 2) NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.	TIAL STAGE:10 MECHANICAL (INITIALLY 1000 MΩ MIN	①NO FLASHOVER OR ②CURRENT LEAKAGE	INITIALLY 100 mΩ MAX (NOTE		DING TO DRAWING	REQUIREMENTS				NGE
CL609-0004-8-31	DM1AA-SF-PEJ(31)	ELC4-153736-03	CR. TAKESHIMA	NH. SUGITA	SI. TOMIOKA	KI AKIYAMA	CHECKED	NCE: MAX CHANGE. TANCE: MIN. AMAGE OR HEAVY L OCCUR ON THE		SCONTINUITY OF 100 DAMAGE SHALL ARTS.	CHANGE. EVERSION E ON IS VAILA	THE INITIAL STAGE:10 N MAX. AFTER MECHANICAL OPERATION:10N MAX.	1 1	①NO FLASHOVER OR BREAKDOWN. ②CURRENT LEAKAGE 1mA MAX.	((NOTE 2).		VING.	EMENTS		(NON-CONDENSING)	95%MAX	-40 °C TO +
\triangle 1/2		6-03	08. 11. 18	08. 11. 20	08. 11. 20	08 11 91	DATE	×	×	×	×	× ×	X	× 1	×	┨	××	QT AT	┥	SING)		+85 °C

RM HD0011-2-

SOYCLES (CYCLE-I HOUR)WITH CONNECTORS (D. CONTACT RESISTANCE: ENGAGED. TEMPERATURE-55 TO +85°C ENGAGED. ENGOSED AT 40°C,90 TO 35°S, RH, 96 HOURS WITH CONNECTORS ENGAGED. ENGOSED AT 40°C,90 TO 35°S, RH, 96 HOURS WITH CONNECTORS ENGAGED. ENGOSED IN 541°S, PART WORD GRENS WITH CONNECTORS ENGAGED. ATER TEST 100 MC MMN. WHO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S. NO MECHANICAL DAMAGE OR HEAVY CORROSON SHALL COCUR ON THE PART'S SHALL P	2/2	₽	CL609-0004-8-31	CODE NO	HIROSE ELECTRIC CO., LTD. COD	FORM HD0011-2-2
SCYCLES (CYCLET HOUR)WITH CONNECTORS SCYCLES (CYCLET HOUR)WITH CONNECTORS ENGAGED. ENGAGED. EXPOSED AT 80 % FAR 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT 40 % 30 TO 35 % RM, 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 3-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS, WITH CONNECTORS ENGAGED. EXPOSED IN 3-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS, WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS, WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS, WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS, WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 % SALT WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 5-14 WATER SPRAY APPROX. 80% SH 98 HOURS WITH CONNECTORS WITH CONNECTORS WITH CONNECTORS WITH CONNECTORS WITH CONNECTORS WITH			J (31)	T NO.	SHEET	궁 -
S CYCLES (1 CYCLES THOUR)WITH CONNECTORS ENGAGED. TEMPERATURE55 TO +85°C EXPOSED AT 85°C FOR 95 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT -25°C FOR 95 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT -25°C FOR 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED IN 3 PPM HYDROGEN SILL FIDE . APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS. APPEROX 80% RH,96 HOURS, WITH CONNECTORS ENGAGED. CORROSION SHALL OCCUR ON THE PARTS.	1	03	NO. ELC4-1	DRAWIN	AT:Assurance Test X:Applicable Test	Note QT:Qualification Test
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TEST METHOD TEST METHOD REQUIREMENTS 5 CYCLES (1 CYCLE=1 HOUR)WITH CONNECTORS ENGAGED. TEMPERATURE:-55 TO +85°C AFTER TEST 40 mΩ MAX CHANGE. AFTER TEST 100 MΩ MIN. AFTER TEST 40 mΩ MAX CHANGE. AFTER TEST 100 MΩ MIN. AFTER TEST 40 mΩ MAX CHANGE. AFTER TEST 100 MΩ MIN. AFTER TEST 40 mΩ MAX CHANGE. AFTER TEST 40 mΩ MAX CHANGE. AFTER TEST 100 MΩ MIN. AFTER TEST 40 mΩ MAX CHANGE. AFTER TEST 40 mΩ	* 1	•	CHANICAL DAMAGE OR HEAVY OSION SHALL OCCUR ON THE PARTS		EXPOSED IN $5\pm1\%$ SALT WATER SPRAY , $35\pm2^\circ$ 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.	CORROSION SALT MIST (JIS C 5402 7.1)
TEST METHOD REQUIREMENTS 5 CYCLES (1 CYCLE=1 HOUR)WITH CONNECTORS ENGAGED. TEMPERATURE:-55 TO +85°C EXPOSED AT 85 °C FOR 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT -25 °C FOR 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT -25 °C FOR 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT 40 °C,90 TO 95 % RH, 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT 40 °C,90 TO 95 % RH, 96 HOURS WITH CONNECTORS ENGAGED.	* 1	×			EXPOSED IN 3 PPM HYDROGEN SULFIDE , APPROX. 80% RH,96 HOURS, WITH CONNECTORS ENGAGED.	HYDROGEN SULFIDE JEIDA 38
TEST METHOD REQUIREMENTS 5 CYCLES (1 CYCLE=1 HOUR)WITH CONNECTORS ENGAGED. TEMPERATURE:-55 TO +85°C EXPOSED AT 85 °C FOR 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT -25 °C FOR 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT -25 °C FOR 96 HOURS WITH CONNECTORS ENGAGED.		×		I	5	DAMP HEAT, STEADY STATE IEC60512-6-11c
TEST METHOD REQUIREMENTS 5 CYCLES (1 CYCLE=1 HOUR)WITH CONNECTORS ENGAGED. TEMPERATURE:-55 TO +85°C EXPOSED AT 85 °C FOR 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT 85 °C FOR 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT 85 °C FOR 96 HOURS WITH CONNECTORS ENGAGED. EXPOSED AT 85 °C FOR 96 HOURS WITH SO NO MECHANICAL DAMAGE OR HEAVY CORROSION SHALL OCCUR ON THE PARTS.		×			EXPOSED AT -25 °C FOR 96 HOURS WITH CONNECTORS ENGAGED.	COLD IEC60512-6-11j
TEST METHOD REQUIREMENTS 5 CYCLES (1 CYCLE=1 HOUR)WITH CONNECTORS ENGAGED. TEMPERATURE:-55 TO +85°C AFTER TEST 40 mΩ MAX CHANGE. ② INSULATION RESISTANCE: AFTER TEST 100 MΩ MIN.		×	MECHANICAL DAMAGE OR HEAVY RROSION SHALL OCCUR ON THE TS.		EXPOSED AT 85 °C FOR 96 HOURS WITH CONNECTORS ENGAGED.	DRY HEAT IEC60512-6-11i
5 CYCLES (1 CYCLE=1 HOUR) WITH CONNECTORS (1) CONTACT RESISTANCE:		,	ER TEST 40 mΩ MAX CHANGE. JLATION RESISTANCE: ER TEST 100 MΩ MIN.		ENGAGED. TEMPERATURE:-55 TO +85°C	TEMPERATURE IEC60512-6-11d
		×Ц	REQUIREMENTS NTACT RESISTANCE:		TEST METHOD 5 CYCLES (1 CYCLE=1 HOUR)WITH CONNECTORS	RAPID CHANGE OF