



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!



## Contact us


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In case that the application demands a high level of reliability, such as automotive,  
please contact a company representative for further information.

APPLICABLE STANDARD		RATING		SPECIFICATIONS	
OPERATING TEMPERATURE RANGE	-55 °C TO +85°C(95%RH MAX)	STORAGE TEMPERATURE RANGE	-55°C TO +85°C(95%RH MAX)	POWER	-w
CHARACTERISTIC IMPEDANCE	75 Ω (0 TO 1 GHz)	PECULIARITY	----	APPLICABLE CABLE	----
<b>CONSTRUCTION</b>					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		—	—	
<b>ELECTRIC CHARACTERISTICS</b>					
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz).	CENTER CONTACT 6 mΩ MAX. OUTER CONTACT 6 mΩ MAX.	X	X	
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	X	X	
VOLTAGE PROOF	500 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	X	X	
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 1 GHz.	VSWR 1.2 MAX.	X	—	
INSERTION LOSS	FREQUENCY ----- TO ----- GHz	----- dB MAX.	—	—	
<b>MECHANICAL CHARACTERISTICS</b>					
CONTACT INSERTION AND EXTRACTION FORCES	φ0.49 <sup>0</sup> <sub>-0.005</sub> BY STEEL GAUGE.	INSERTION FORCE ----- N MAX. EXTRACTION FORCE 0.5 N MIN	—	—	
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE ----- N MAX. EXTRACTION FORCE ----- N MAX.	—	—	
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: CENTER CONTACT 11 mΩMAX. OUTER CONTACT 11 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
VIBRATION	FREQUENCY 10 TO 500 Hz SINGLE AMPLITUDE 0.75 mm, 98 m/s <sup>2</sup> AT 10 CYCLES FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	—	
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT ----- N MAX.	1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP.	—	—	
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
DAMP HEAT	EXPOSED AT +25 TO +65 °C, 80 TO 96 %, 10 CYCLES, TOTAL 240 h	1) INSULATION RESISTANCE: 100 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → — → +85 → — °C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	—	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
A	D1S-D-000131	TS.SAWAI	KY.SHIMIZU	05.11.09	
REMARK					
<b>RoHS COMPLIANT</b>					
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-029382-40	
		SPECIFICATION SHEET		PL71-R-PC (40)	
		HIROSE ELECTRIC CO., LTD.		CODE NO.	
		CL334-0011-9-40		Δ	
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