



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

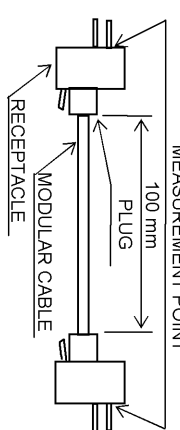
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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		STORAGE TEMPERATURE RANGE	
OPERATING TEMPERATURE RANGE		① $-25^{\circ}\text{C TO } +60^{\circ}\text{C}$		$-^{\circ}\text{C TO } -^{\circ}\text{C}$	
VOLTAGE		125 V AC		CURRENT	
				500 mA	
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
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz). MEASUREMENT POINT 	200 mΩ MAX.		X	X
INSULATION RESISTANCE	100 VDC. (ONE EXAMPLE OF CONNECTOR CONFIGURTION IS SHOWN.)	100 MΩ MIN.		X	X
VOLTAGE PROOF	500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.		X	X
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRACTIONS.	1)CONTACT RESISTANCE: 220 mΩ MAX. 2)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2 h. FOR 3 DIRECTIONS.	1)NO ELECTRICAL DISCONTINUITY OF 5 μs 2)CONTACT RESISTANCE: 220 mΩ MAX. 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			X	-
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT,CYCLIC	EXPOSED AT +40 °C, 90 ~ 95 %, 500 h	1)CONTACT RESISTANCE: 220 mΩ MAX. 2)INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 10 MΩ MIN. (AT DRY) 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55±3 → 5~35 → 85±2 → 5~35 °C TIME 30~35 → 5MAX → 30~35 → 5MAX min UNDER 5 CYCLES.	1)CONTACT RESISTANCE: 220 mΩ MAX. 2)INSULATION RESISTANCE: 100 MΩ MIN. 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1)CONTACT RESISTANCE: 220 mΩ MAX. 2)NO HEAVY CORROSION.		X	-
<p>① THE PRODUCT PERFORMANCE IS GUARANTEED ONLY IN THE TEMPERATURE ADEQUATE TO PEOPLE'S ACTIVITIES.</p> <p>② THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING.</p>					
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
REMARK		APPROVED	H0. MIWA	07.09.29	
		CHECKED	H0. MIWA	07.09.29	
		DESIGNED	TS. ITO	07.09.29	
		DRAWN	TS. ITO	07.09.29	
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-041197-06		
HRS		SPECIFICATION SHEET		TM11P-66P (53)	
		HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2149-9-53
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