



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.

TO
PCK

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
APPLICATION STANDARD									
RATING		OPERATING TEMPERATURE RANGE		-55 °C TO +85 °C					
		VOLTAGE		200V AC					
		CURRENT		1 A					
SPECIFICATIONS									
ITEM		TEST METHOD			REQUIREMENT				
CONSTRUCTION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING				
		CONFIRMED VISUALLY							
MARKING									
ELECTRICAL CHARACTERISTICS									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz)		15 mW MAX.				X	
		500 V DC		1000 MW/MIN.				X	
		650 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN				X	
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES		D0.635±0.002mm BY STEEL GAUGE		INSERTION FORCE : 3.43 N MAX		EXTRACTION FORCE: 0.39 N MIN		X	
		500 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE: 15 mW MAX.		2) NO DAMAGE, CRACK AND LOOSENESS OF PART.		X	
		FREQUENCY: 10 TO 55 Hz,		1) NO ELECTRICAL DISCONTINUITY OF 1 ms		2) NO DAMAGE, CRACK AND LOOSENESS		X	
		TOTAL AMPLITUDE 1.5 mm,							
		FOR 2 h IN 3 DIRECTIONS.							
		490 m/s ² DURATION OF PULSE 11 ms						X	
		FOR 2 TIMES IN 3 DIRECTIONS.							
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90~95 %, 96 h.		1) CONTACT RESISTANCE: 15 mW MAX.		2) INSULATION RESISTANCE: 1000 MW/MIN.		X	
		TEMPERATURE -55~+5~+35~+85~+5~+35°C							
		TIME 30→MAX 5 → 30 → MAX 5 min.		3) NO DAMAGE, CRACK AND LOOSENESS OF PART.				X	
		UNDER 5 CYCLES.							
		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		1) CONTACT RESISTANCE: 15 mW MAX.		2) NO HEAVY CORROSION.		X	
REMARKS									
		DRAWN		DESIGNED		CHECKED		APPROVED	
		01.06.12		01.06.13		01.06.13		01.06.13	
		<i>K. Kingo</i>		<i>H. Ohara</i>		<i>H. Ohara</i>		<i>J. Yoshimura</i>	
		01.06.12		01.06.13		01.06.13		01.06.13	
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1344									
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST									
HS		SPECIFICATION SHEET		PART NO.		BA		D-2.54R	
HIROSE ELECTRIC CO.,LTD.						HIF3			
CODE NO.(OLD)		DRAWING NO.		CODE NO.					
CL		ELC4-084252		CL 610					