



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						
MARKING		CONFIRMED VISUALLY									
ELECTRICAL CHARACTERISTICS											
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz)			15 mW MAX.						
INSULATION RESISTANCE		500 V DC			1000 MW/MIN.						
VOLTAGE PROOF		650 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN						
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						
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.			1) CONTACT RESISTANCE: 15 mW MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.						
VIBRATION		FREQUENCY: 10 TO 55 Hz, TOTAL AMPLITUDE 1.5 mm, FOR 2 h IN 3 DIRECTIONS.			1) NO ELECTRICAL DISCONTINUITY OF 1 ms 2) NO DAMAGE, CRACK AND LOOSENESS						
SHOCK		490 m/s ² DURATION OF PULSE 11 ms 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.						
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55~+5~+35~+85~+5~+35°C TIME 30→MAX 5 → 30 → MAX 5 min. UNDER 5 CYCLES.			3) NO DAMAGE, CRACK AND LOOSENESS OF PART.						
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			1) CONTACT RESISTANCE: 15 mW MAX. 2) NO HEAVY CORROSION.						
REMARKS											
		DRAWN		DESIGNED		CHECKED		APPROVED		RELEASED	
		<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					
HRS		HIROSE ELECTRIC CO.,LTD.		SPECIFICATION SHEET		PART NO.		HIF3 BA - * D-2.54R			
CODE NO.(OLD)		DRAWING NO.		CODE NO.							
CL		ELC4-084252		CL 610							