



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			QT	AT
CONSTRUCTION			VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING			X	X
MARKING			CONFIRMED VISUALLY						X	X
ELECTRICAL CHARACTERISTICS										
CONTACT RESISTANCE			100 mA (DC OR 1000 Hz)			15 mW MAX.			X	
INSULATION RESISTANCE			500 V DC			1000 MW/MIN.			X	
VOLTAGE PROOF			650 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN			X	
MECHANICAL CHARACTERISTICS										
CONTACT INSERTION AND EXTRACTION FORCES			D 0.635±0.002mm BY STEEL GAUGE			INSERTION FORCE : 3.43 N MAX EXTRACTION FORCE: 0.39 N MIN			X	
MECHANICAL OPERATION			500 TIMES INSERTIONS AND EXTRACTIONS.			1) CONTACT RESISTANCE: 15 mW MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.			X	
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			X	
SHOCK			490 m/s ² DURATION OF PULSE 11 ms FOR 2 TIMES IN 3 DIRECTIONS.						X	
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	
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.			X	
CORROSION SALT MIST			EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			1) CONTACT RESISTANCE: 15 mW MAX. 2) NO HEAVY CORROSION.			X	
REMARKS										
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1344		DRAWN		DESIGNED		CHECKED		APPROVED		RELEASED
		<i>K. King</i>		<i>H. Obara</i>		<i>H. Obara</i>		<i>J. Yamashita</i>		
		01.06.12		01.06.13		01.06.13		01.06.13		
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST										
HRS HIROSE ELECTRIC CO., LTD.			SPECIFICATION SHEET			PART NO.			BA HIF3 - * * D-2.54R	
CODE NO. (OLD)		DRAWING NO.		CODE NO.						
CL		ELC4-084252		CL 610						1