



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!



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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	E2	REVISED PER ECO-15-015403	27OCT2015	NK RH

CIRCUIT DIAGRAM

SPECIFICATIONS

MATERIALS
 CASE: THERMOPLASTIC, UL94V-0, BLACK
 ACTUATOR: THERMOPLASTIC, UL94V-0, BLACK
 COVER: NICKEL SILVER
 SEAL: SILICON RUBBER, BLACK
 CONTACT: STAINLESS STEEL, PLATING-SILVER
 TERMINAL: BRASS, PLATING-SILVER/NICKEL

ELECTRICAL
 MAX CONTACT RATING: 50MILLIAMPS@24V DC
 MIN CONTACT RATING: 10MICROAMPS@1V DC
 INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX, PER EIA RS-448, METHOD 1
 INSULATION RESISTANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E
 DIELECTRIC STRENGTH: 250VAC PER EIA RS-186-4E
 CONTACT BOUNCE: 10 MILLISECOND MAX PER EIA-448-18, METHOD 15

MECHANICAL
 ACTUATOR OPERATING FORCE: SEE TABLE
 ACTUATOR TRAVEL: 0.35±0.2mm

DURABILITY
 UP TO 1,000,000 CYCLES, AT RATED LOAD PER EIA-RS-448, METHOD 8
 FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX
 CONTACT BOUNCE: 20 MILLISECONDS MAX
 ACTUATOR FORCE: WITHIN ±30% OF INITIAL VALUE

ENVIRONMENTAL
 OPERATING TEMPERATURE RANGE: -35°C to +85°C, 45% - 85% RH
 STORAGE TEMPERATURE RANGE: -35°C to +85°C
 HUMIDITY: 96 HOURS PER EIA-186-1E
 INSULATION RESISTANCE: 10 MEGOHMS MIN
 DIELECTRIC STRENGTH: 250VAC
 CONTACT RESISTANCE: 100 MILLIOHMS MAX
 DRY HEAT TEST: 85°C FOR 96 HOURS PER IEC 60068-2-2, TEST B,
 NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
 COLD TEST: -25°C FOR 96 HOURS PER IEC 60068-2-1, TEST A;
 NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
 THERMAL CYCLING: 5 CYCLES, -30°C to +85°C
 HUMIDITY-TEMPERATURE CYCLING, EIA 364-31B, METHOD III
 CONTACT RESISTANCE 100 MILLIOHMS MAX
 RESISTANCE TO SOLDERING HEAT PER 109-201 COND B
 SEALING PER IP67

SOLDERABILITY: PER EIA RS-186-9E

P.C.B MOUNTING SOLDER LAND DIMENSION

1 PACKAGE ON TAPE AND REEL PER EIA-481
 2 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

1 TAPE AND REEL	160±50gf	1571296-2
BULK	160±50gf	1571296-1
PACKAGING	OPERATING FORCE	TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	24APR02		TE Connectivity		
DIMENSIONS: mm		CHK	24APR02		NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		H WYNKOOP			PRODUCT SPEC		
0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 3 PLC ± - 4 PLC ± - ANGLES ± -		H WYNKOOP			APPLICATION SPEC		
MATERIAL	FINISH	WEIGHT	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
-	-	-	-	A2	00779	C=1571296	-
CUSTOMER DRAWING				SCALE	8:1	SHEET	1 of 1
				REV	E2		

1471-9 (3/11)

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