



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



4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	0	B		REVISED PER ECO-14-000707	20JAN2014	NK	RH

CONVERSION CHART	
INCH	MM
.010	0,25
.020	0,52
.030	0,76
.039	0,99
.040	1,02
.043	1,09
.100	2,54
.169	4,29
.170	4,32
.180	4,57
.189	4,80
.195	4,95
.320	8,13
.360	9,14

PRODUCT MARKING THIS SIDE

PC MOUNT

PC HOLE PATTERN
 TOLERANCES FOR ALL PCB LAYOUT DIMENSIONS TO BE ±.002

MATERIALS;
 CASE: GLASS FILLED HIGH TEMPERATURE POLYESTER.
 BUSHING: GLASS FILLED HIGH TEMPERATURE POLYESTER WITH ELECTROSTATIC DISSIPATIVE CHARACTERISTICS.
 ACTUATOR: NICKEL PLATED COPPER ALLOY.
 MOVABLE CONTACT: GOLD OVER NICKEL OVER COPPER ALLOY.
 STATIONARY CONTACT: GOLD OVER NICKEL OVER COPPER ALLOY.
 TERMINALS: TIN LEAD OVER COPPER ALLOY.
 TERMINAL SEAL: HIGH TEMPERATURE SEALANT.
 ACTUATOR SEAL: O-RING.

ELECTRICAL:
 CONTACT RATING: 0.4 VA @ 20 VDC OR PEAK AC.
 INITIAL CONTACT RESISTANCE: 30 MILLIOHMS MAX.
 INSULATION RESISTANCE: 1,000 MEGOHMS AT 500 VDC MIN.
 DIELECTRIC STRENGTH: 1,000 VOLTS RMS AT SEA LEVEL.
 LIFE EXPECTANCY: 60,000 CYCLES MECHANICAL ACTUATIONS AND 60,000 CYCLES AT 0.4 VA @ 20 VDC OR PEAK AC.

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -22°F TO +185°F (-30°C TO +85°C).
 STORAGE TEMPERATURE: -67°F TO +185°F (-55°C TO +85°C).

QUALITY ASSURANCE:
 ALL CRITICAL DIMENSIONS, (C), MUST BE 1.5Cpk MINIMUM.

1 INTERPRET DRAWING PER ASME Y14.5M-1994.
 2 PKG 100 PCS/BAG, 1 BAG/BOX.

4 TERMINALS SHALL BE TRIMMED TO .039 PRIOR TO APPLICATION OF SEALANT.
 5 "O" RING, WELDS AND SEALS SHALL BE TESTED USING AUGATS STANDARD BUBBLE TEST.
 6 ACTUATION FORCE WITH .169 TOGGLE TO BE DETERMINED.
 7 EACH TERMINAL SHALL WITHSTAND A 6 LBS, PULL FORCE.
 8 EACH TOGGLE SHALL WITHSTAND A 10 LBS, PULL FORCE PUSH TEST TO BE DETERMINED.

10 TERMINAL NUMBERS ARE NOT MARKED ON SWITCH. (FOR REFERENCE ONLY).

11 DIMENSION MEASURED IN CENTER OFF POSITION.

12 DATE CODE: YYYY (YEAR, MONTH)

FUNCTION CHART

THE FOLLOWING FUNCTIONS AVAILABLE IN SINGLE POLE.

OFF INDICATES A MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION.

3 POSITIONS

TERMINALS CONNECTED: 1-2 - 2-3
 CIRCUIT TIMING - SPDT CENTER OFF

LEGEND:
 C = CRITICAL DIMENSION
 M = MAJOR DIMENSION
 MN = MINOR DIMENSION
 ST = STATISTICAL PROCESS CONTROLS

CRITICAL DIMS	MAJOR DIMS	LAST USED NO.	DELETED NO'S.	ST NO'S.
1,2,3,4,7,9		16		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KIRAN HOLAL 11SEP2013	TE Connectivity	
DIMENSIONS: INCHES		CHK OTT PETER 11SEP2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD OTT PETER 11SEP2013	NAME OUTLINE DRAWING TST71218	
0 PLC ± -		PRODUCT SPEC	SIZE A2	
1 PLC ± -		APPLICATION SPEC	CAGE CODE 00779	
2 PLC ± -			DRAWING NO 4-1437564-1	
3 PLC ± .010			RESTRICTED TO	
4 PLC ± -			SCALE 1:1	
ANGLES ± 1°			SHEET 1 of 1	
MATERIAL		WEIGHT	REV B	
FINISH		CUSTOMER DRAWING		

1471-9 (3/11)

4-1437564-1

B

A