



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



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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	ECO-07-025800	31OCT07	MB	MS
	A3	REVISED PER ECO-09-024927	09NOV09	KK	AEG

P.C.B SOLDER LAND DIMENSION

CIRCUIT DIAGRAM

SPECIFICATIONS:

MATERIALS:

CASE: NYLON 6T UL94V-0, BLACK.
 ACTUATOR: SILICON RUBBER, FINISH-SEE P/N TABLE
 MOVING CONTACT: STAINLESS STEEL, SILVER FINISH.
 FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER/NICKEL FINISH.

ELECTRICAL:

CONTACT RATING: 50MA @ 32VDC, 50MA@32VDC (MAX), 20MV @ 1MV DC (MIN), PER EIA-448, METHOD 6.
 INITIAL CONTACT RESISTANCE: 100MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION.
 INSULATION RESISTANCE: 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION.
 DIELECTRIC STRENGTH: 250V AC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1, EACH POSITION.

MECHANICAL:

ACTUATION FORCE: SEE P/N TABLE.
 ACTUATION TRAVEL: .5±.15
 LIFE EXPECTANCY: 100,000 CYCLES MIN (2 CYCLES PER SECOND AND 150% ACTUATION FORCE), PER EIA-448 METHODS 8 AND 9.
 VIBRATION: PER EIA-364-28D, CONDITION VII, LEVEL E.
 MECHANICAL SHOCK: PER EIA-364-27C, CONDITION A.

ENVIRONMENTAL:

OPERATING TEMPERATURE: -40°C TO +85°C, PER EIA-448, METHOD 10.
 STORAGE TEMPERATURE: -40°C TO +100°C.
 HUMIDITY AND TEMPERATURE CYCLING: PER EIA-364-31B, METHOD III.
 THERMAL SHOCK: PER EIA-364-32C, -40°C TO +100°C.
 SOLDERABILITY: PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 260°C MAX, TIME 2.5 SECONDS MAX, 95% MINIMUM COVERAGE.
 RESISTANCE TO SOLDER HEAT: PER EIA-364-56A, PROCEDURE 4 AND 5, LEVEL 3.

PACKAGING: TAPE WIDTH-12MM, PITCH-8MM AND QUANTITY PER REEL-2500.

NOTE:

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(ROHS).
 2. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

GREEN	520 +/-100gf	1825086-3
RED	260 +/-50gf	1825086-2
BLACK	160 +/-50gf	1825086-1
Actuator Color	Operating force	P/N

2 OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M. BINNER	23FEB05	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK	M. SARVER	-	NAME 4x6mm TACT SWITCH, GULLWING SMT	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M. SARVER	-	PRODUCT SPEC	
0 PLC ± -		APPLICATION SPEC	-	-	SIZE	
1 PLC ± 0.2		WEIGHT	-	-	CAGE CODE	
2 PLC ± 0.20		CUSTOMER DRAWING	-	-	DRAWING NO	
3 PLC ± -		SCALE	1:2	-	SHEET	
4 PLC ± -		REVISION	A3	-	REV	
ANGLES ± -		FINISH	-	-	RESTRICTED TO	
MATERIAL SEE SPECIFICATIONS		FINISH	-	-	SCALE	
SEE SPECIFICATIONS		SCALE	1:2	-	SHEET	
SEE SPECIFICATIONS		REVISION	A3	-	REV	

AMP 1471-9 REV 31MAR2000

1825086

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