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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

<b>GREEN</b>	520 +/-100gf	1825086-3
<b>RED</b>	260 +/-50gf	1825086-2
<b>BLACK</b>	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	CAGE CODE
1 PLC ± 0.2		WEIGHT	-	-	A2	00779
2 PLC ± 0.20		CUSTOMER DRAWING	-	-	SCALE	1:2
3 PLC ± -		SCALE	1:2	SHEET	1 of 1	REV
4 PLC ± -		SCALE	1:2	SHEET	1 of 1	REV
ANGLES ± -		SCALE	1:2	SHEET	1 of 1	REV
FINISH		SCALE	1:2	SHEET	1 of 1	REV
SEE SPECIFICATIONS		SCALE	1:2	SHEET	1 of 1	REV
SEE SPECIFICATIONS		SCALE	1:2	SHEET	1 of 1	REV

AMP 1471-9 REV 31MAR2000

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