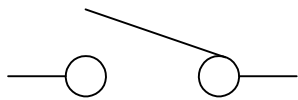
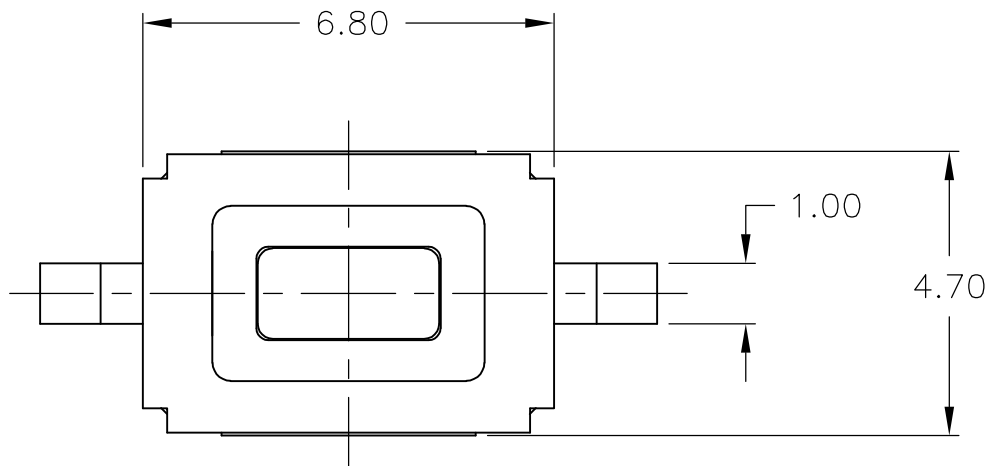


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		G	ECO-07-021124	12SEP07	MB	MS

D



CIRCUIT DIAGRAM

SPECIFICATIONS

MATERIALS

CASE: THERMOPLASTIC, UL94V-0, BLACK
ACTUATOR: THERMOPLASTIC, UL94V-0, BLACK
COVER: STAINLESS STEEL
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 RESITANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E
DIELECTRIC STRENGTH: 500 VAC
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 50,000 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

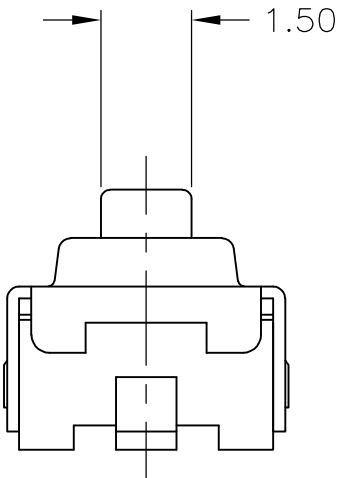
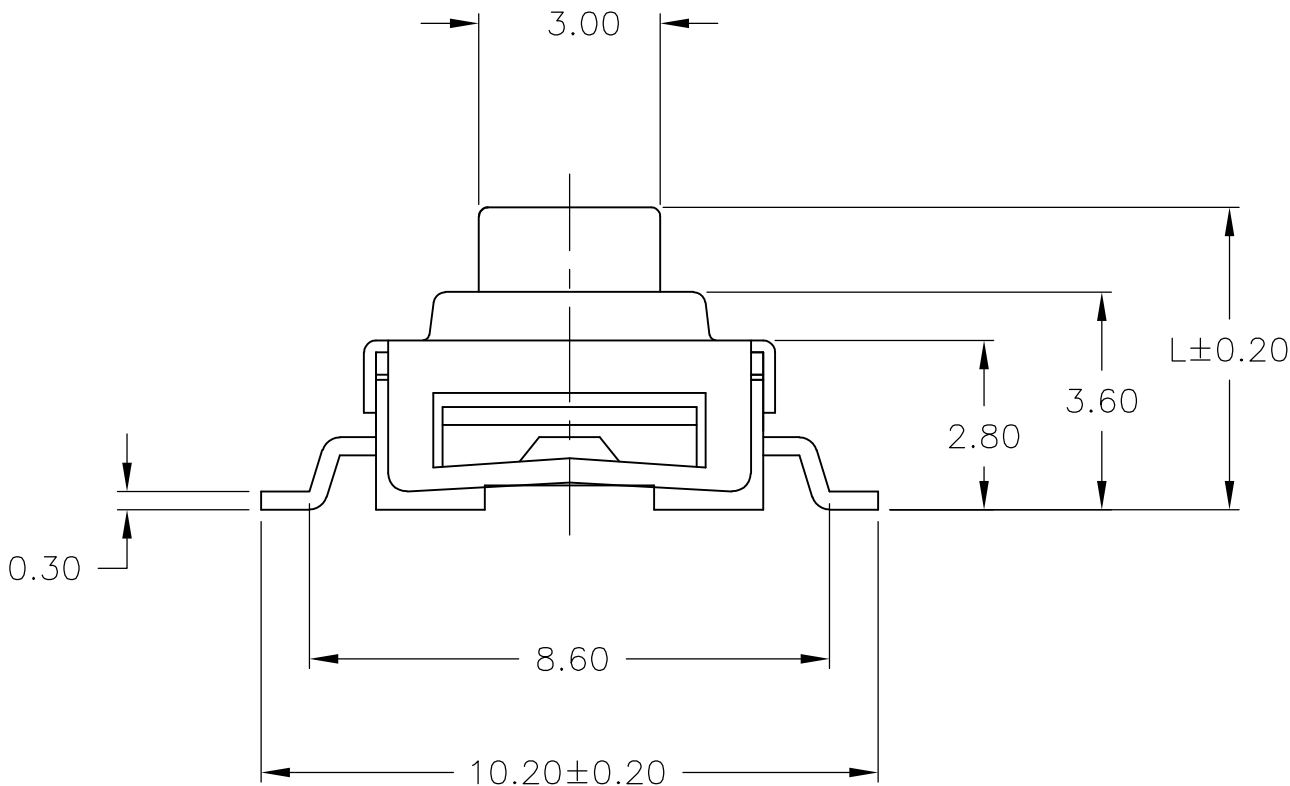
ENVIRONMENTAL

OPERATING TEMPERATURE RANGE: -35°C to +85°C
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: -35°C FOR 96 HOURS PER IEC 60068-2-1, TEST A;
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
THERMAL CYCLING: 5 CYCLES, -35°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

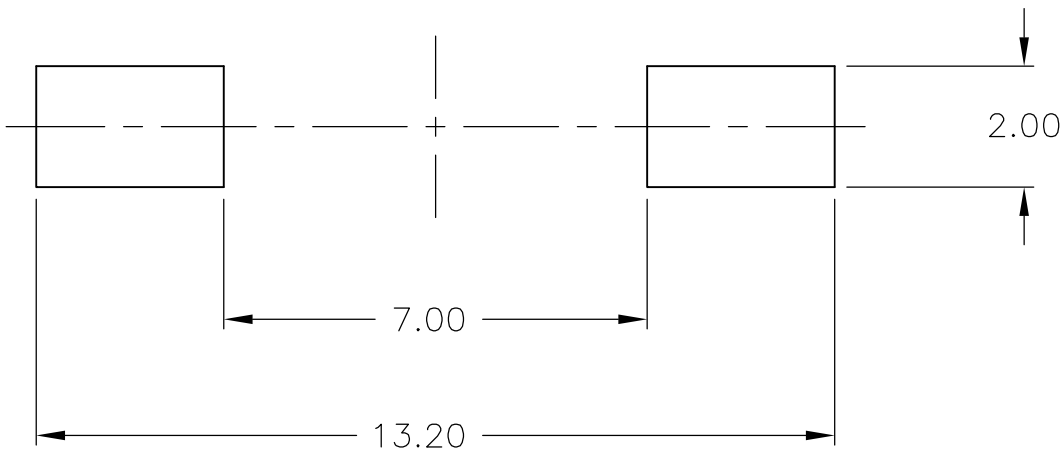
SEALING PER IP67

SOLDERABILITY: PER EIA RS-186-9E

C



B

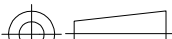


P.C.B MOUNTING SOLDER LAND DIMENSION

NOTES:

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

1	16mm	TAPE AND REEL	160±50gf	5.0	1571298-2
	-	BULK	160±50gf	5.0	1571298-1
	TAPE WIDTH	PACKAGING	OPERATING FORCE	L	TYCO PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 18DEC02	 Tyco Electronics Corporation Harrisburg, PA 17105			
		CHK M SARVER 18DEC02				
DIMENSIONS: MM		APVD M SARVER 18DEC02	NAME SWITCH ASSEMBLY, TACTILE, 4.7 X 6.8 SEALED, SMT			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:					
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.30 3 PLC ± - 4 PLC ± - ANGLES ± -					
	FINISH					
MATERIAL		WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C=1571298	RESTRICTED TO
CUSTOMER DRAWING			SCALE 8:1	SHEET 1 of 1	REV G	