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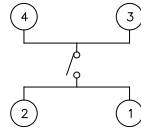
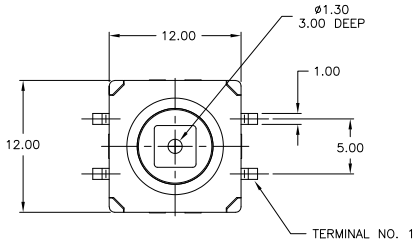
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LOC	DIST	REVISIONS			
F	LNK	DESCRIPTION	DATE	BY	APPD
H		ECO-07-000908	02JUL07	MB	MS
H1		REVISED PER ECO-10-000443	24OCT09	KK	AEG



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-44B, METHOD 1
 INSULATION RESISTANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E
 DIELECTRIC STRENGTH: 500 VAC
 CONTACT BOUNCE: 10 MILLISECOND MAX PER EIA-44B-18, METHOD 15

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

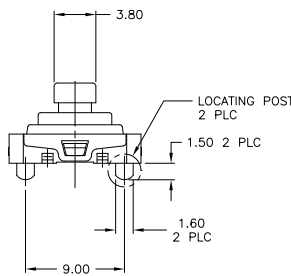
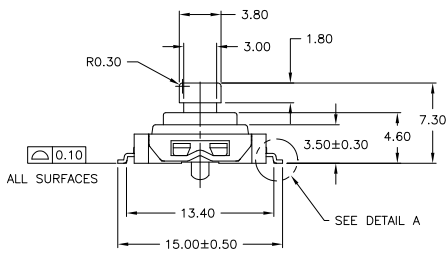
DURABILITY
 UP TO 1,000,000 CYCLES, AT RATED LOAD PER EIA-RS-44B, METHOD 8
 FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX
 CONTACT BOUNCE: 20 MILLISECOND MAX
 ACTUATOR FORCE: WITHIN ±30% OF INITIAL VALUE

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

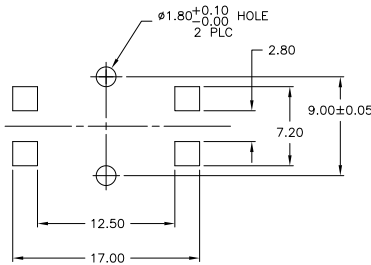
SOLDERABILITY: PER EIA RS-186-9E

SEALED PER IP67

- 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)
- 3 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



DETAIL A
SCALE 10:1



SOLDER PAD DIMENSION

1	TAPE AND REEL	160±70gf	WITH LOCATING POSTS	1571217-4	
1	TAPE AND REEL	160±70gf	WITHOUT LOCATING POSTS	1571217-3	
3	OBSOLETE	BULK	160±70gf	WITH LOCATING POSTS	1571217-2
	BULK	160±70gf	WITHOUT LOCATING POSTS	1571217-1	
	PACKAGING	OPERATING FORCE	REMARKS	TYCO PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW R BROWN 16JAN2002	Tyco Electronics Corporation Harrisburg, PA 17105	
DIMENSIONS: MM		CHK H WYNYKOOP 16JAN2002	SWITCH ASSEMBLY, TACTILE, 12 X 12, SMT, SEALED	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD H WYNYKOOP	SIZE CASE CODE DRAWING NO	
0 PLC	± .05	PRODUCT SPEC	A2 00779 C=1571217	
1 PLC	± .03	APPLICATION SPEC	RESTRICTED TO	
2 PLC	± .02	WEIGHT	-	
3 PLC	± .01	CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV H1	
4 PLC	± .005			
ANGLES	± .05			
FINISH				