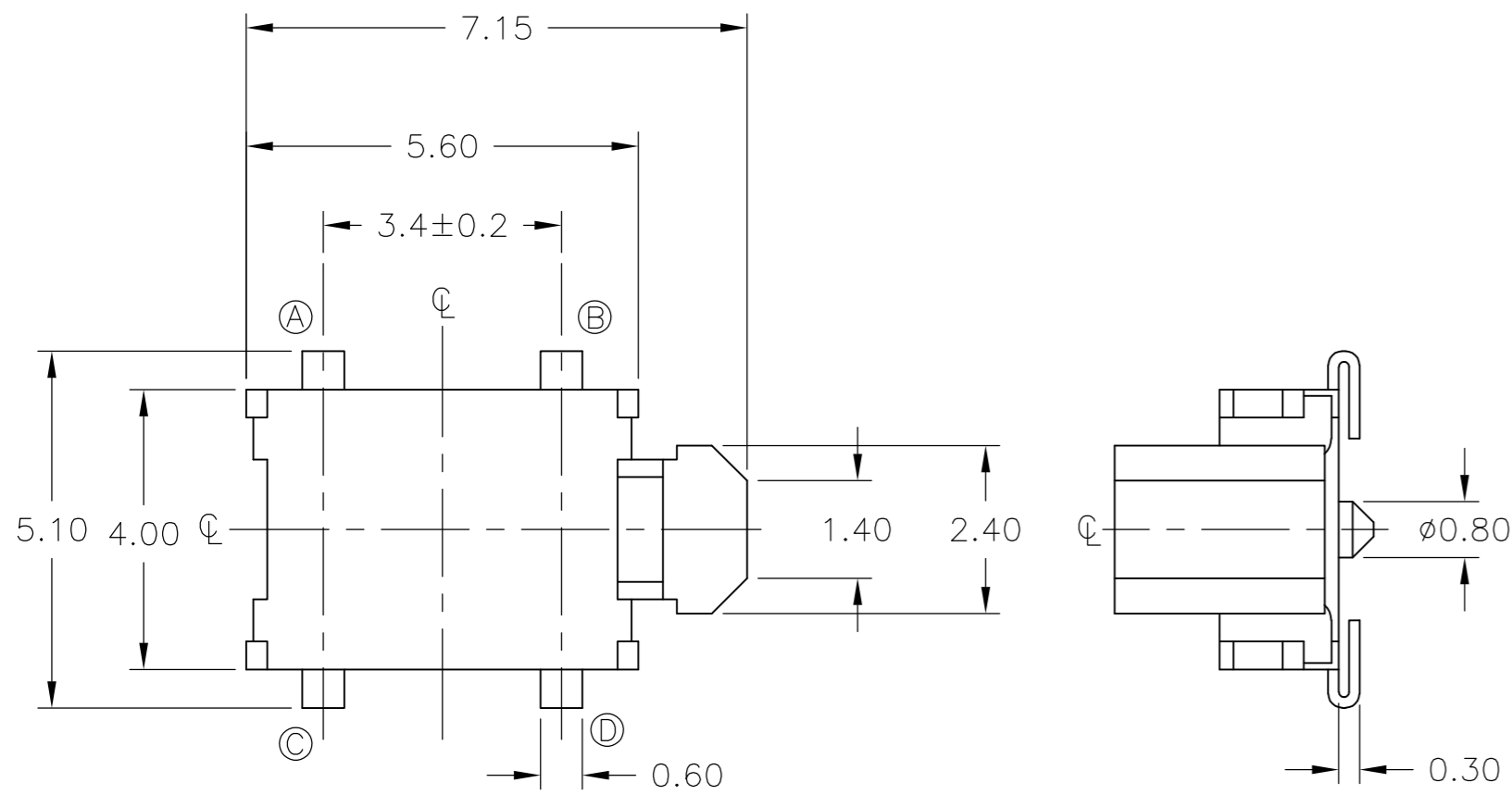
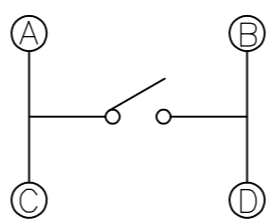


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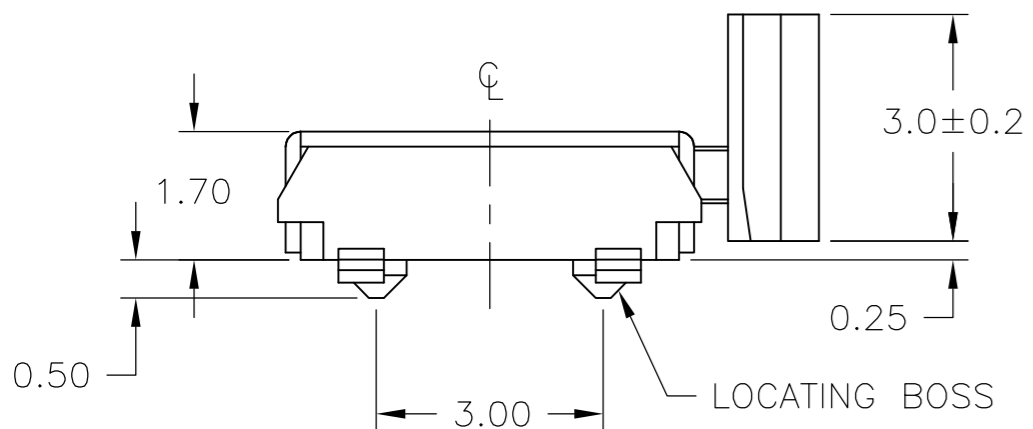
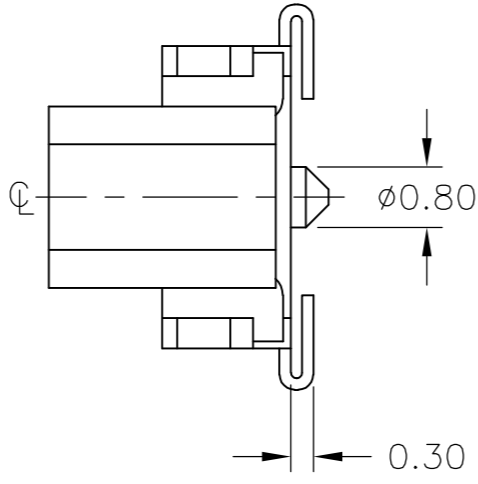
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	EC-05-5819		29AUG06	MB	MS	
	A1	REVISED PER ECO-10-000444		19JAN10	KK	HMR	



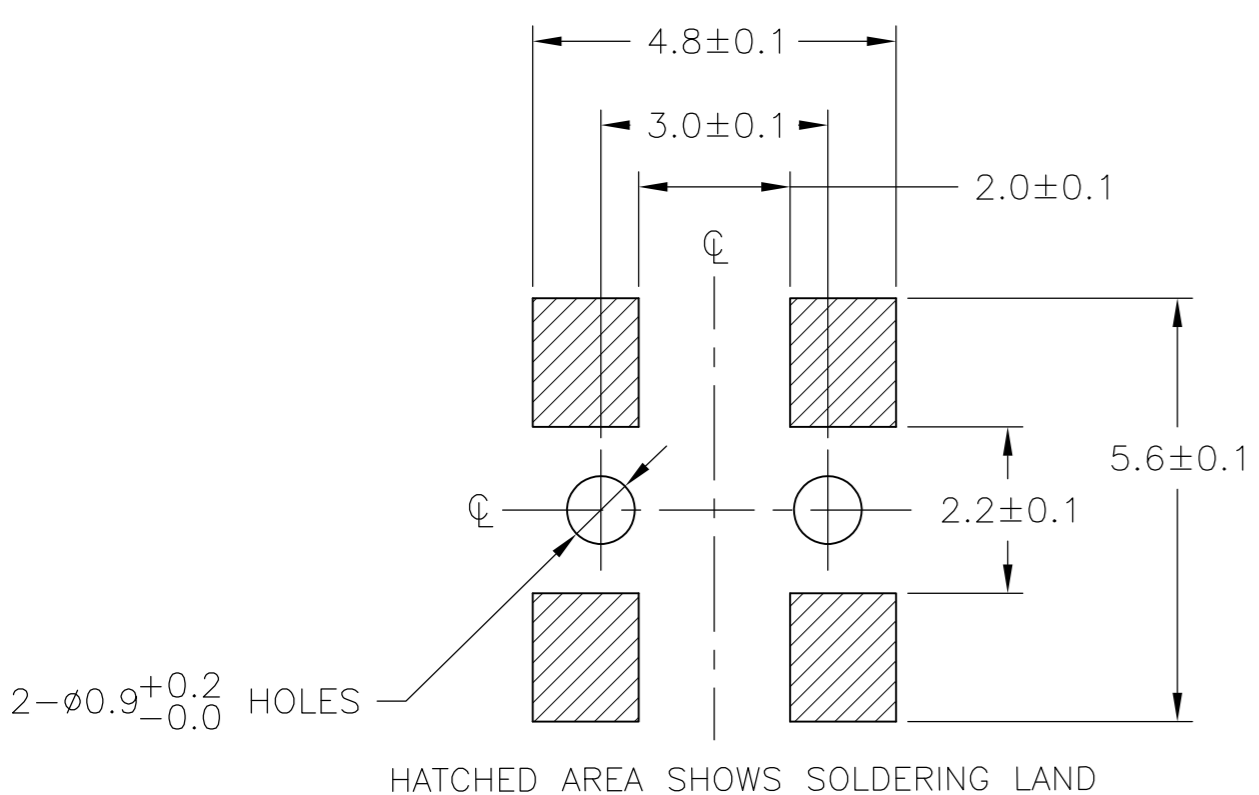
SCHMATIC



PIERCING PLAN



LOCATING BOSS



HATCHED AREA SHOWS SOLDERING LAND

MATERIALS:

- CASE: NYLON 4/6, UL94V-0, BLACK
- ACTUATOR: NYLON 4/6, UL94V-0, BLACK
- COVER: STAINLESS STEEL
- CONTACT PLATE: STAINLESS STEEL, SILVER CLAD OVER NICKEL PLATE
- TERMINALS: COPPER ALLOY, SILVER OVER NICKEL PLATE
- MASKING TAPE: TEFLON

ELECTRICAL:

- CONTACT RATING: 50mA @ 12VDC, PER EIA-448, METHOD 6
- INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX PER EIA-364-23B, EACH POSN.
- INSULATION RESISTANCE: 100 MEGAOHMS MIN. PER EIA-364-21C EACH POSN.
- DIELECTRIC STRENGTH: 250 VAC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1 EACH POSN
- CONTACT BOUNCE: 10 MILLISECONDS MAX
- LIFE EXPECTANCY: UP TO 100,000 CYCLES
- FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX
- FINAL ACTUATING FORCE: ±30% OF INITIAL VALUE
- FINAL CONTACT BOUNCE: 20 MILLISECONDS MAX

MECHANICAL:

- ACTUATION FORCE: 160 ±70/-40 GF
- ACTUATION TRAVEL: 0.30 ±0.1/-0.2 MM
- 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

ENVIROMENTAL:

- OPERATING TEMPERATURE: -20° TO +70°C, PER EIA-448, METHOD 10
- STORAGE TEMPERATURE: -30° TO +80°C
- HUMIDITY AND TEMPERATURE CYCLING: PER EIA-364-31B, METHOD III
- THERMAL SHOCK: PER EIA-364-32C, -30° TO +80°C
- SOLDERABILITY: PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP: 245°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 AND REEL PACKAING PER EIA 481

1 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

	QTY/REEL	PITCH	WIDTH	PACKAGING	FEATURES	PART NUMBER
	2000	8MM	16MM	TAPE AND REEL	W/BOSS	1825106-4
	-	-	-	BULK	W/BOSS	1825106-3
OBSOLETE	2000	8MM	16MM	TAPE AND REEL	W/O BOSS	1825106-2
	-	-	-	BULK	W/O BOSS	1825106-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 15DEC04	Tyco Electronics Corporation Harrisburg, PA 17105	
DIMENSIONS: MM		CHK M SARVER 15DEC04	NAME TACTILE SWITCH, SIDE ACTUATED, SMT	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER 15DEC04	PRODUCT SPEC	
0 PLC ± -		APPLICATION SPEC		
1 PLC ± 0.3		WEIGHT		
2 PLC ± -		SCALE A2 00779 C=1825106		
3 PLC ± -		SHEET 1 OF 1		
4 PLC ± -		REV A1		
ANGLES ± -		CUSTOMER DRAWING		
FINISH		SCALE 10:1		