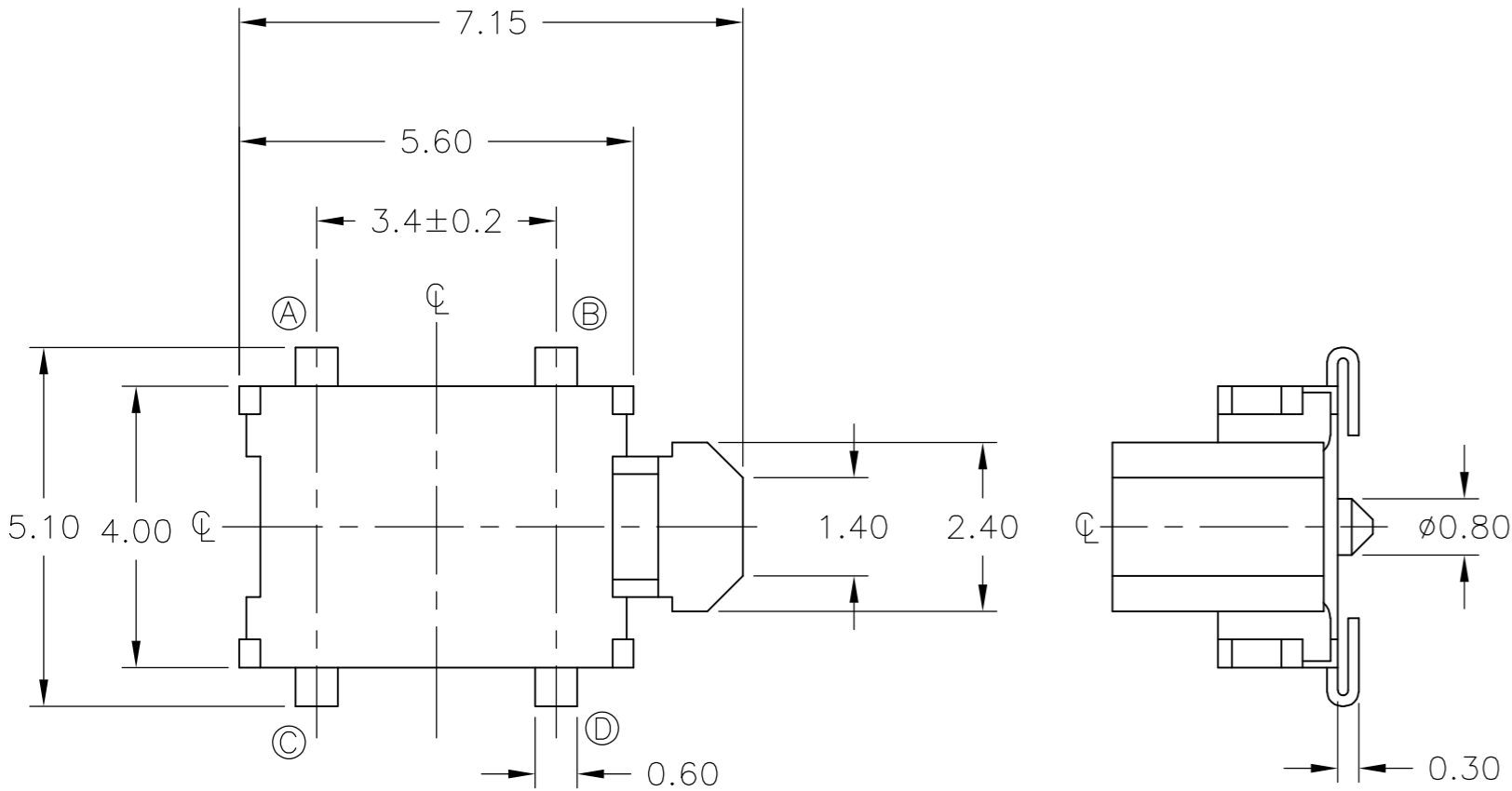
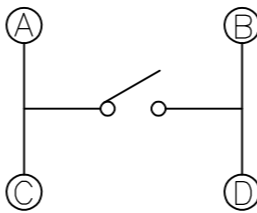


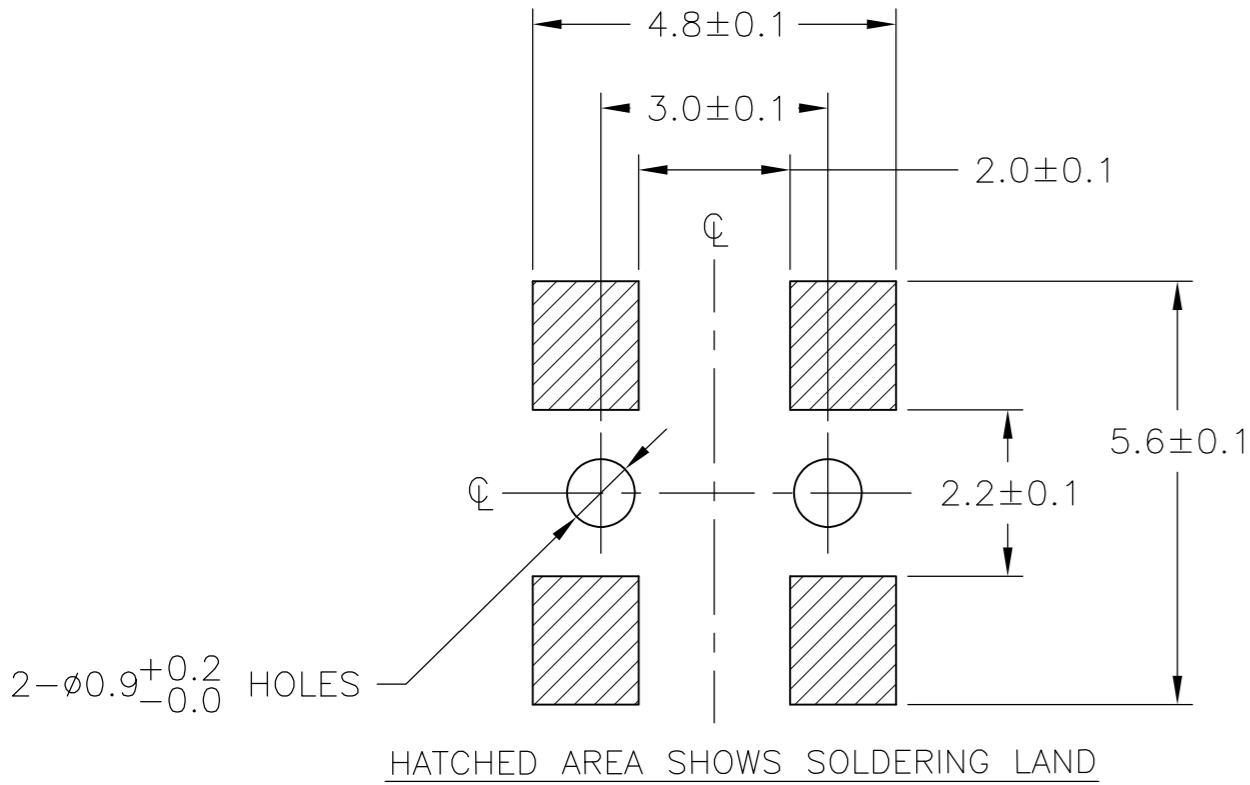
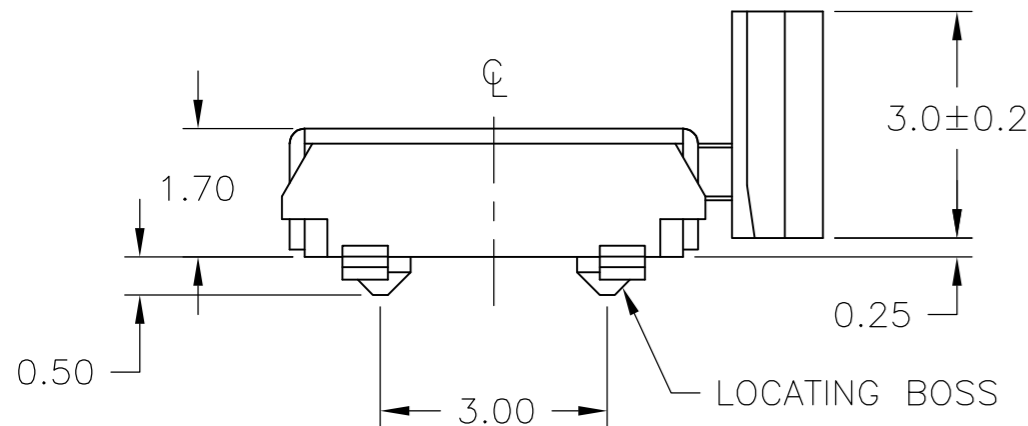
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A	EC-05-5819	29AUG06	MB	MS
			A1	REVISED PER ECO-10-000444	19JAN10	KK	HMR



SCHEMATIC



PIERCING PLAN



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  $\pm_{40}^{70}$  GF  
ACTUATION TRAVEL: 0.30  $\pm_{0.2}^{0.1}$  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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 15DEC04	Tyco Electronics Corporation Harrisburg, PA 17105			
DIMENSIONS: MM		CHK M SARVER 15DEC04				
		APVD M SARVER 15DEC04	NAME			
		PRODUCT SPEC	TACTILE SWITCH, SIDE ACTUATED, SMT			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC				
0 PLC ± - 1 PLC ± 0.3 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO C=1825106	RESTRICTED TO -
MATERIAL -		CUSTOMER DRAWING	SCALE 10:1	SHEET 1	OF 1	REV A1

# Mouser Electronics

Authorized Distributor

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[1825106-1](#) [1825106-2](#) [1825106-3](#)