

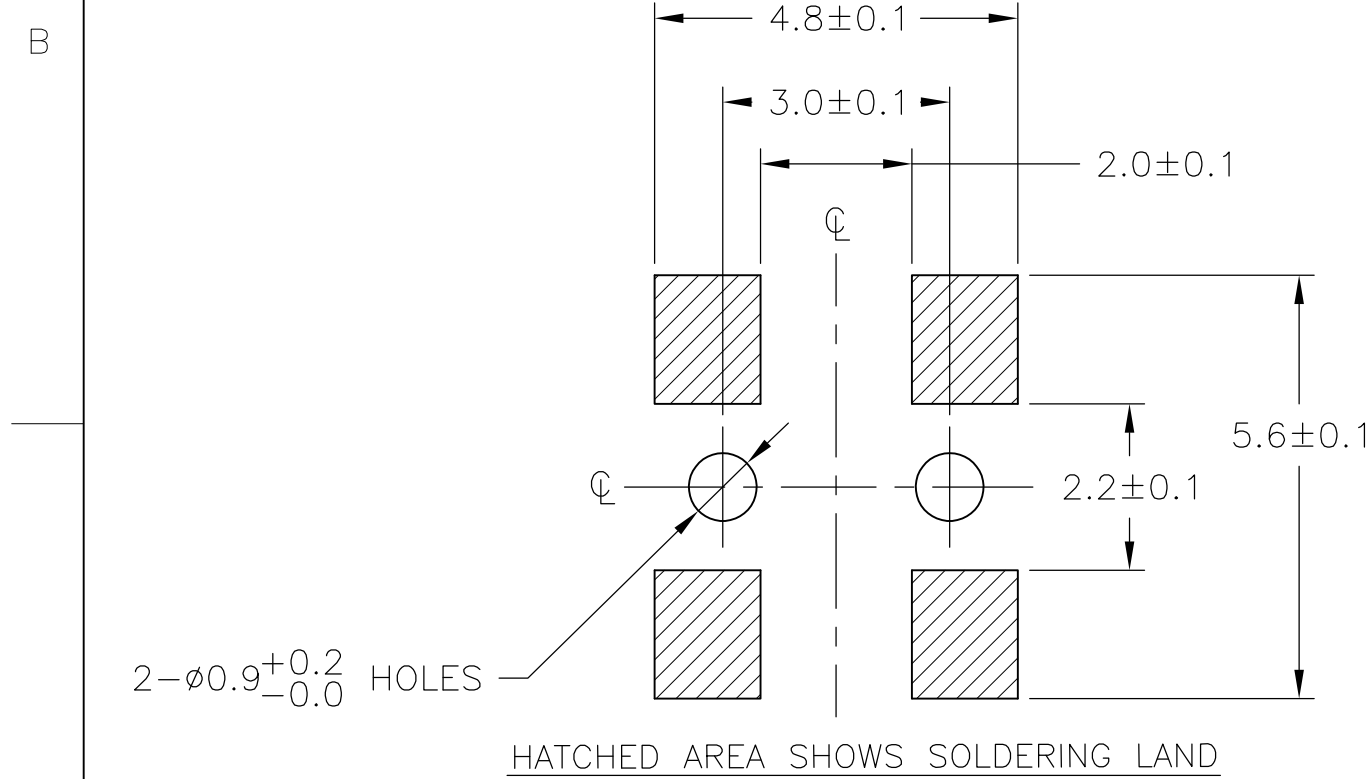
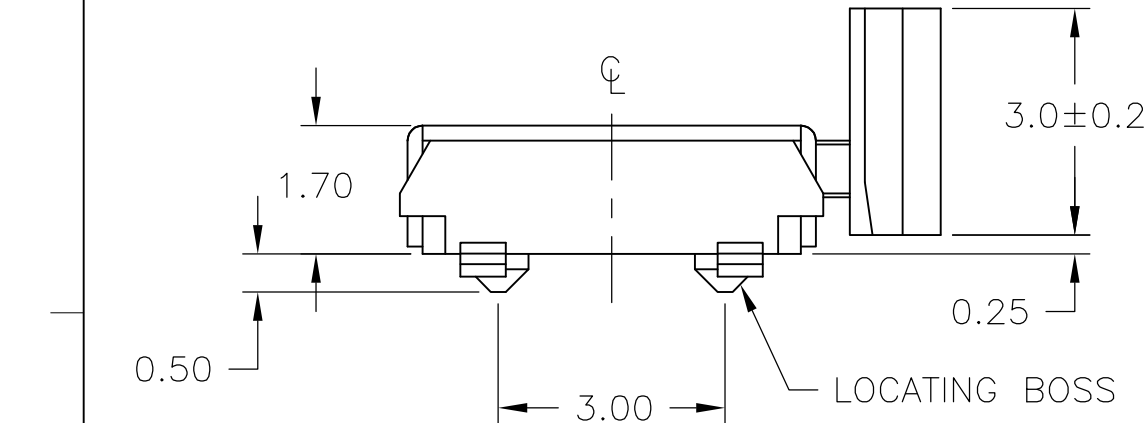
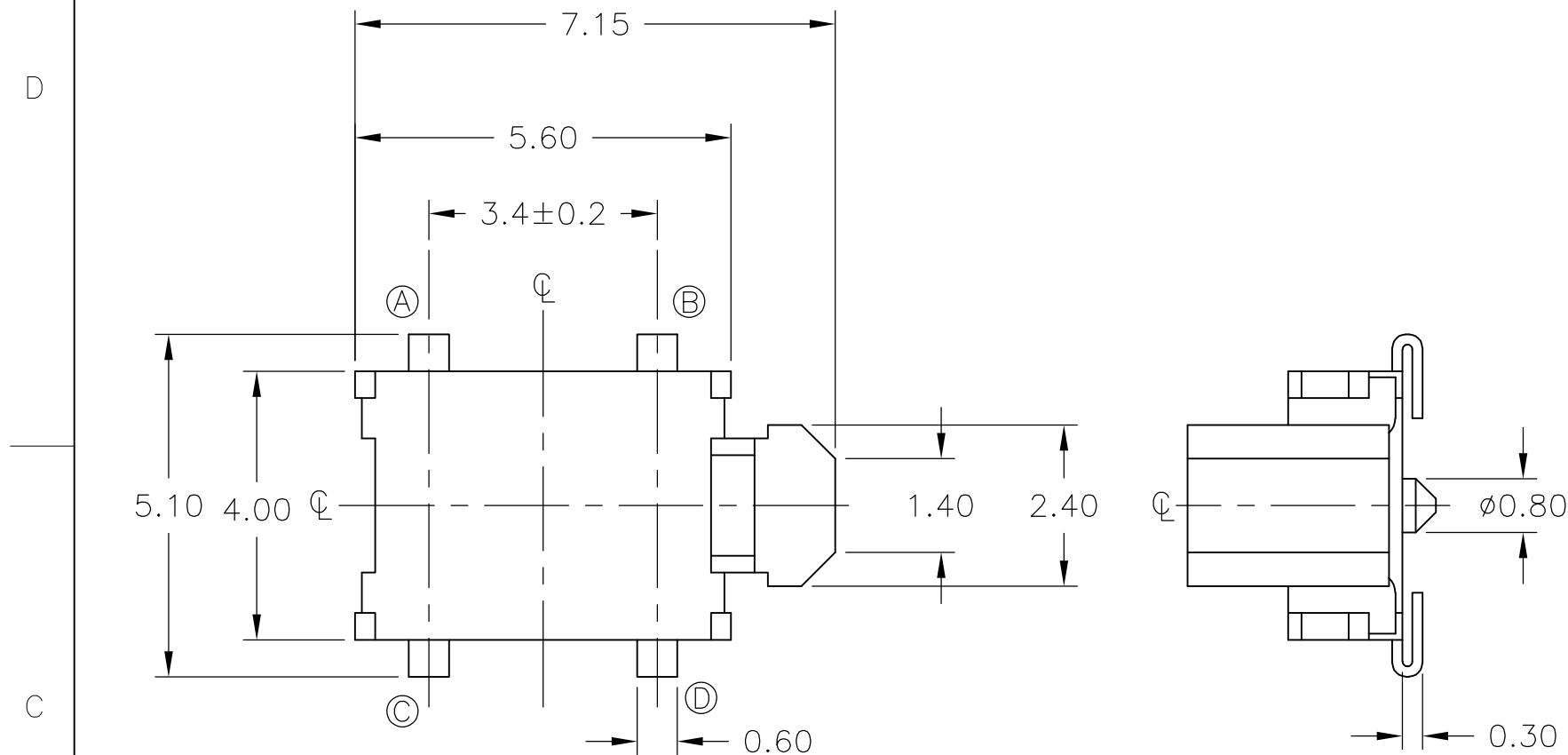
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	EC-05-5819	29AUG06	MB	MS
			A1	REVISED PER ECO-10-000444	19JAN10	KK	HMR

D

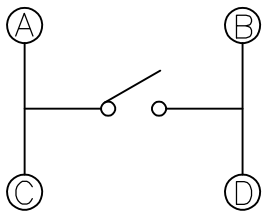
C

B

A



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



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

OBSOLETE 	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				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
	0 PLC ± - 1 PLC ± 0.3 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		TACTILE SWITCH, SIDE ACTUATED, SMT			
MATERIAL		FINISH	APVD M SARVER 15DEC04	PRODUCT SPEC		SIZE
-		-	APPLICATION SPEC	-		CAGE CODE
			WEIGHT	-		DRAWING NO
			CUSTOMER DRAWING	A2 00779		RESTRICTED TO
			SCALE	10:1		REV
			SHEET	1 OF 1		A1

Mouser Electronics

Authorized Distributor

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