

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A	ECO 05 003709	27MAR06	BSV	MS

SPECIFICATIONS:
MAKE—BEFORE—BREAK

MATERIALS:

ACTUATOR — NYLON 66 UL94V-0, BLACK”
FRAME — TIN PLATED STEEL
TERMINAL BOARD — PHENOLIC LAMINATE UL94HB, NATURAL
TERMINAL (SILVER) — COPPER ALLOY— SILVER OVER NICKEL PLATE
TERMINAL (GOLD) — COPPER ALLOY— TIN OVER NICKEL PLATE
FIXED CONTACT (SILVER) — COPPER ALLOY— SILVER OVER NICKEL PLATE
FIXED CONTACT (GOLD) — COPPER ALLOY—GOLD OVER NICKEL PLATE
MIVING CONTACT (SILVER) — COPPER ALLOY— SILVER OVER NICKEL PLATE
MIVING CONTACT (GOLD) — COPPER ALLOY—GOLD OVER NICKEL PLATE
DETENT BALL — STAINLESS STEEL
COIL SPRING — TEMPERED STEEL WIRE
SEAL — EPOXY

ELECTRICAL:

CONTACT RATING — .4VA@20VDC OR PEAK AC (GOLD)
300mA@125V AC (SILVER)
INITIAL CONTACT RESISTANCE — 30milliohm max.
FINAL CONTACT RESISTANCE — 100milliohm max> (AFTER TEST)
INSULATION RESISTANCE — 1,000Megohms min.”
DIELECTRIC STRENGTH — 500V RMS@SEA LEVEL
LIFE EXPECTANCY — 15,000 CYCLES MIN.”

MECHANICAL:

ACTUATION FORCE — 600±300 GRAMS
TRAVEL — 2.00±0.51[.079±.020]

ENVIRONMENTAL:

OPERATING TEMPERATURE — -20 TO +85 DEGREES C
STORAGE TEMPERATURE — -40 TO +100 DEGREES C
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B
SOLDERABILITY PER EIA- 364-52, CLASS 2, CATEGORY 1, 95% MIN
COVERAGE

NOTES:

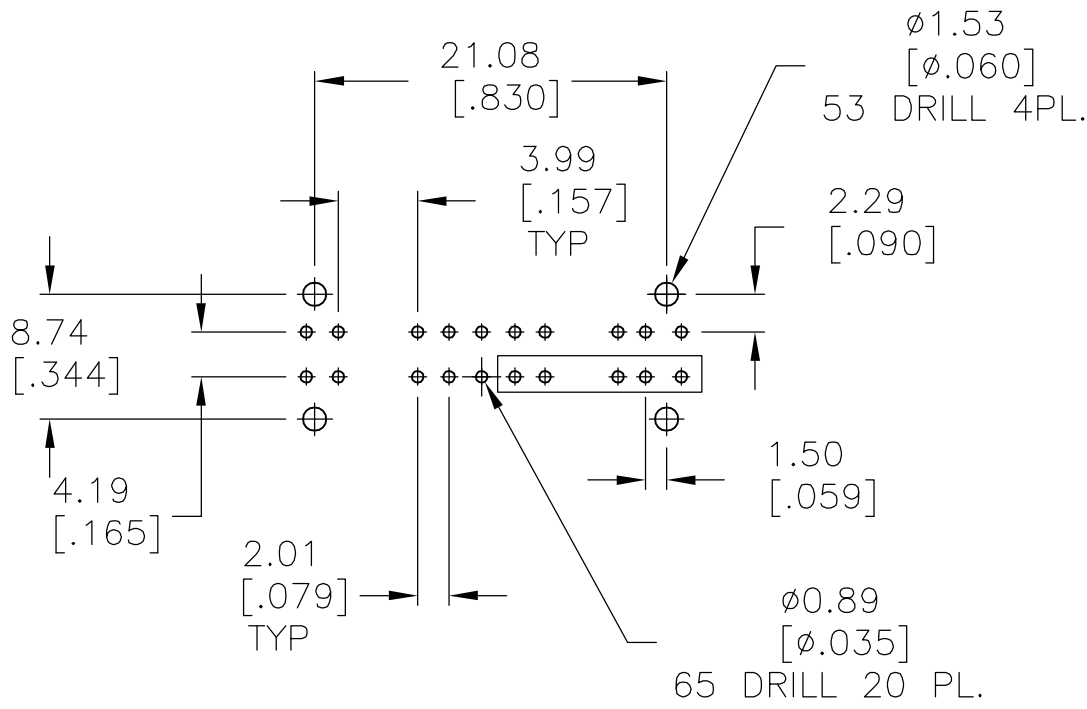
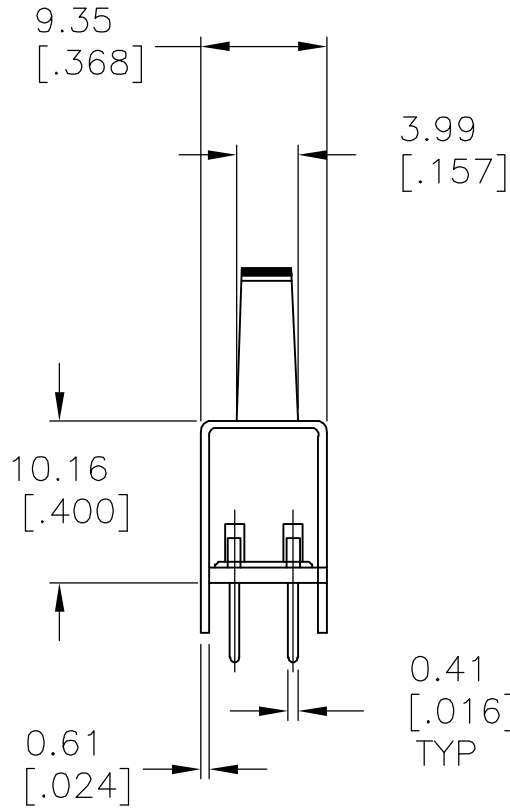
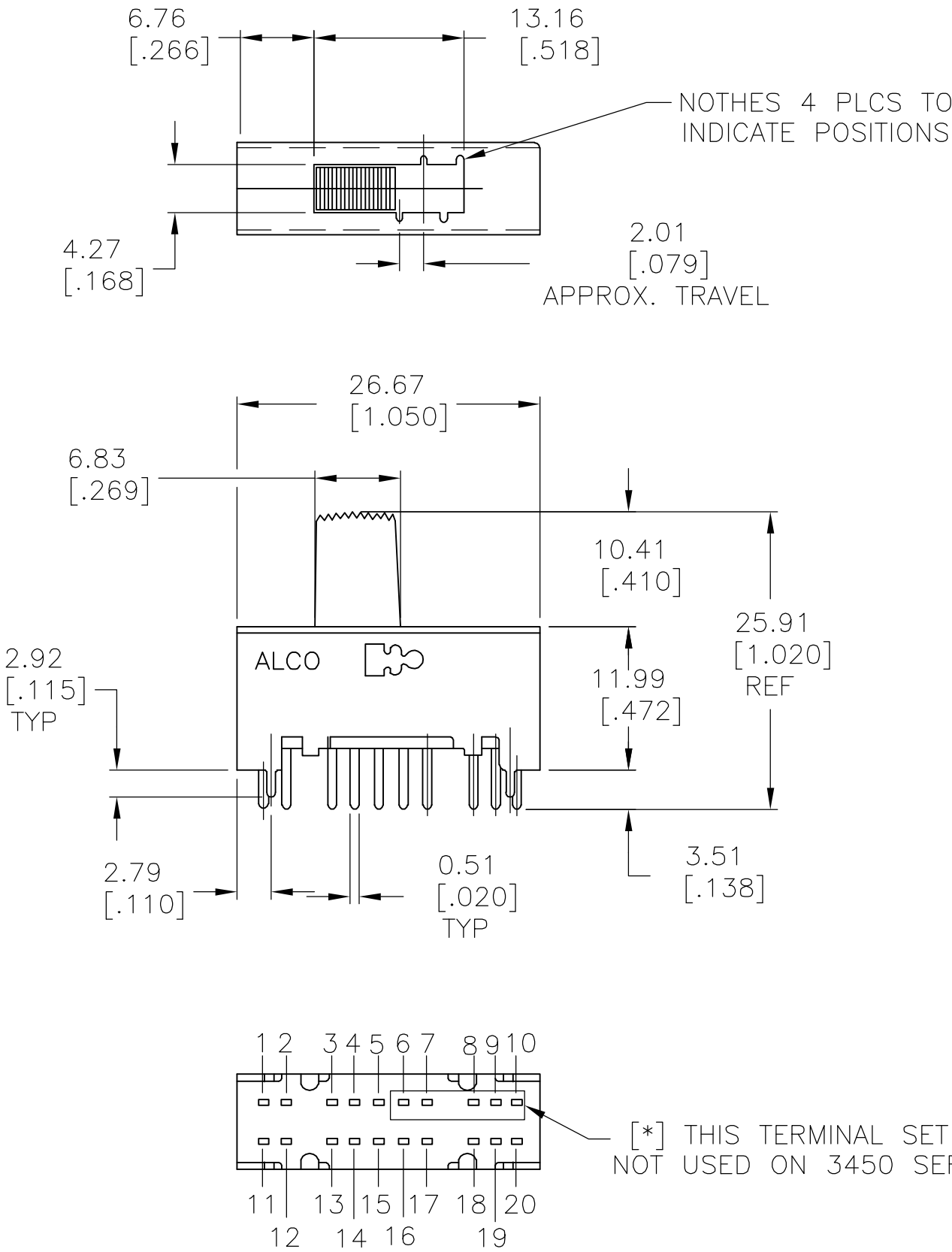
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU
DIRECTIVE 2002 95/EC OF 27JAN2003 (ROHS).
- ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE.

D

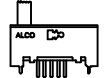
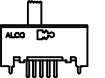
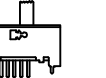
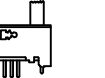
C

B

A



P.C. LAYOUT
VIEWED FROM TOP OF SWITCH

1,3 & 6,8 11,13 & 16,18	2,3 & 7,8 12,13 & 17,18	3,4 & 8,9 13,14 & 18,19	3,5 & 8,10 13,15 & 18,20	4P4T	GOLD OVER NICKEL	MSSA4450G04	1825204-4
1,3 & 6,8 11,13 & 16,18	2,3 & 7,8 12,13 & 17,18	3,4 & 8,9 13,14 & 18,19	3,5 & 8,10 13,15 & 18,20	4P4T	SILVER	MSSA445004	1825204-3
1,3 11,13 & 16,18	2,3 12,13 & 17,18	3,4 13,14 & 18,19	3,5 8,10 & 13,15	3P4T	GOLD OVER NICKEL	MSSA3450G04	*1825204-2
1,3 11,13 & 16,18	2,3 12,13 & 17,18	3,4 13,14 & 18,19	3,5 8,10 & 13,15	3P4T	SILVER	MSSA345004	*1825204-1
				TYPE	CONTACT PLATING	ALCO P/N	TYCO P/N
LEFT	LEFT CENTER	RIGHT CENTER	RIGHT				
ACTUATOR POSITION							

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN —	—	tyco Electronics		Tyco Electronics Corporation					
		CHK —	—			Harrisburg, Pa 17105-3608					
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD —	—	NAME SLIDE SWITCH 4 POSITION PC					
		0 PLC ± —		PRODUCT SPEC —							
		1 PLC ± —		APPLICATION SPEC —							
		2 PLC ± 0.25[.010]									
		3 PLC ± —									
		4 PLC ± —									
		ANGLES ± —									
MATERIAL		FINISH		WEIGHT	—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
SEE SPECIFICATIONS		SEE SPECIFICATIONS				A2	00779	C=1825204	—		
CUSTOMER DRAWING						SCALE	2:1	SHEET	1 of 1	REV	A

Mouser Electronics

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