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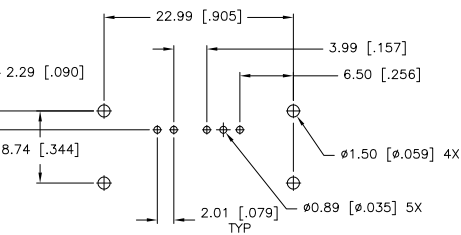
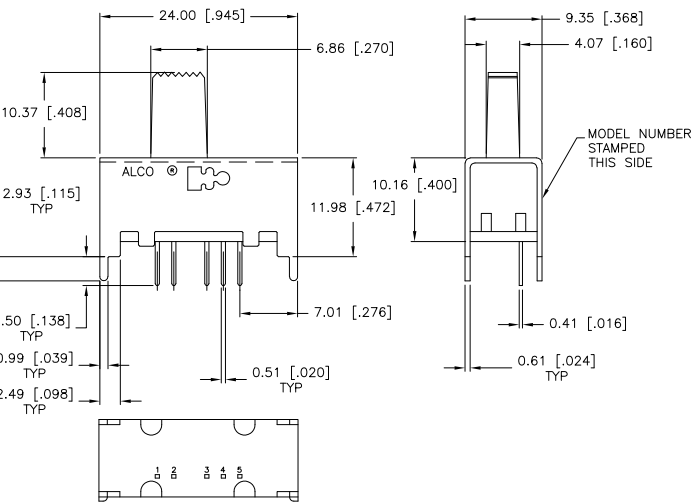
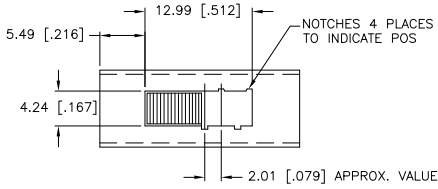
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LOC		DIBT		REVISIONS			
F	LR	DESCRIPTION	DATE	BY	APP'D		
AD	00	A	ECO 05 003709	23MARD6	BSV MS		



PC BOARD LAYOUT, TOP VIEW
 RECOMMENDED TOLERANCES ±.002

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
 MOVING CONTACT (SILVER) - COPPER ALLOY- SILVER OVER NICKEL PLATE
 MOVING 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

1,3	2,3	3,4	3,5	SP4T	GOLD	MSSA1450G04	1825196-2
1,3	2,3	3,4	3,5	SP4T	SILVER	MSSA145004	1825196-1
				TYPE	CONTACT PLATING	ALCO P/N	TYCO P/N
LEFT	LEFT CENTER	RIGHT CENTER	RIGHT				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN	C.THEODORE	1752P94	Tyco Electronics Corporation Harrisburg, PA 17105-3608		
DIMENSIONS mm [MCHES]		OK		APPRO	PRODUCT SPEC		
TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH		APPLICATION SPEC		RESTRICTED TO	
Ø	PLC	±		SIZE		CAGE CODE	DRAWING NO
1	PLC	±		A2		00779	C=1825196
2	PLC	±	0.25(010)	WEIGHT		SCALE	
3	PLC	±		CUSTOMER DRAWING		3:1	
4	PLC	±		FINISH		SHEET	
ANGLES		±		DRAWING NO		1 of 1	
SEE SPECIFICATIONS		SEE SPECIFICATIONS		DRAWING NO		REV	
				CUSTOMER DRAWING		A	

AMP 1471-9 REV 31MMR2000

1825196

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