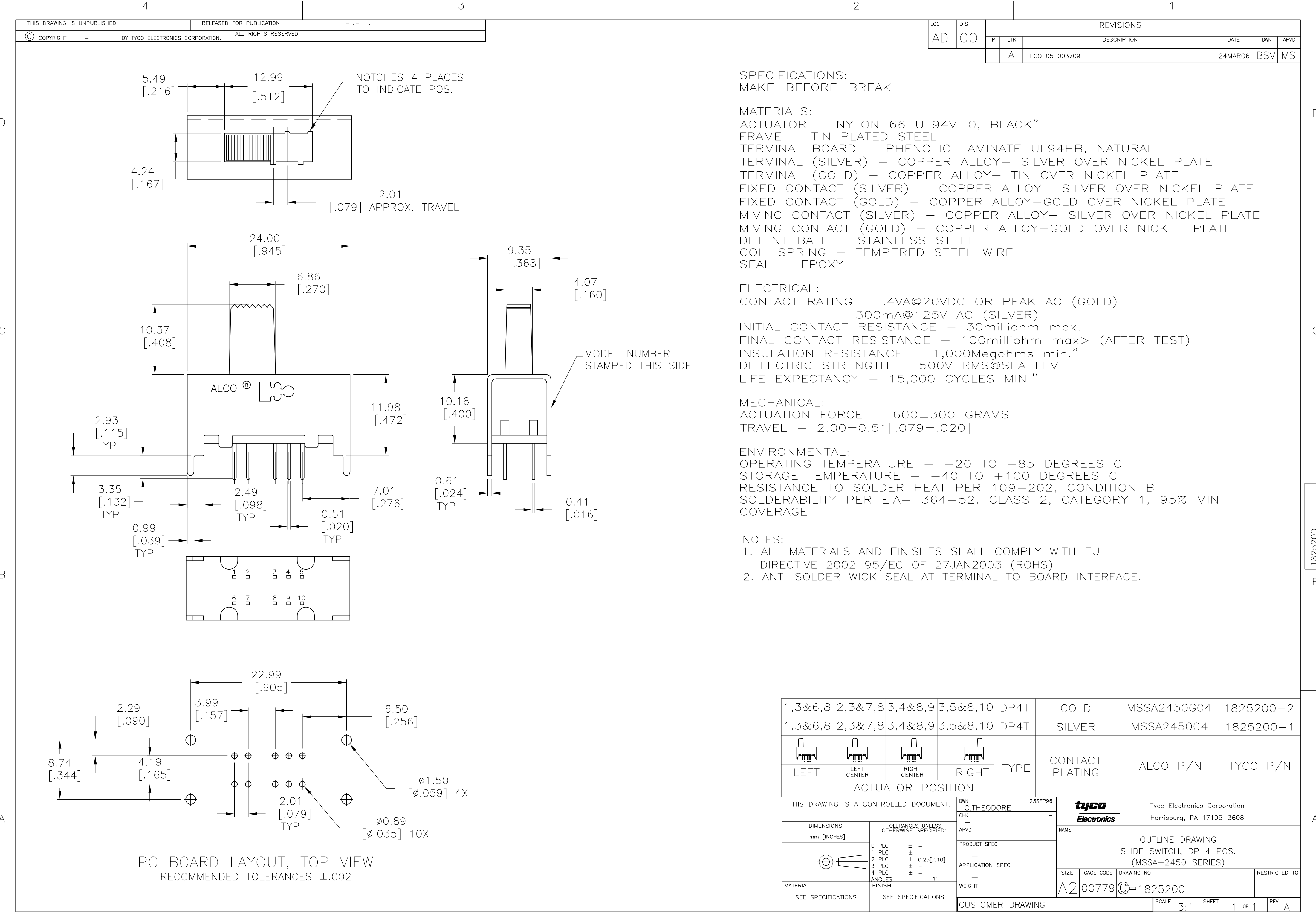




SPECIFICATIONS:
MAKE—BEFORE—BREAK

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:

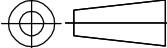
ACTUATION FORCE — 600±300 GRAMS
TRAVEL — 2.00±0.51[.079±.020]

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.

1,3&6,8	2,3&7,8	3,4&8,9	3,5&8,10	DP4T	GOLD	MSSA2450G04	1825200—2
1,3&6,8	2,3&7,8	3,4&8,9	3,5&8,10	DP4T	SILVER	MSSA245004	1825200—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 C.THEODORE	 Tyco Electronics Corporation Harrisburg, PA 17105—3608	
					CHK —		
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD —	NAME OUTLINE DRAWING SLIDE SWITCH, DP 4 POS. (MSSA—2450 SERIES)	
		0 PLC ± —			PRODUCT SPEC —		
		1 PLC ± —			—		
		2 PLC ± 0.25[.010]			APPLICATION SPEC —	SIZE A2	
		3 PLC ± —			CAGE CODE 00779		
		4 PLC ± —				DRAWING NO G=1825200	
		ANGLES ± 1°			RESTRICTED TO —		
MATERIAL		FINISH				WEIGHT —	
SEE SPECIFICATIONS		SEE SPECIFICATIONS			CUSTOMER DRAWING		
					SCALE 3:1	SHEET 1 of 1	REV A