

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC		DIBT		REVISIONS			
F	LR	DESCRIPTION	DATE	BY	APP'D		
A		ECO 05 003709	25MAR06	BSV	MS		

SPECIFICATIONS:
 MAKE-BEFORE-BREAK

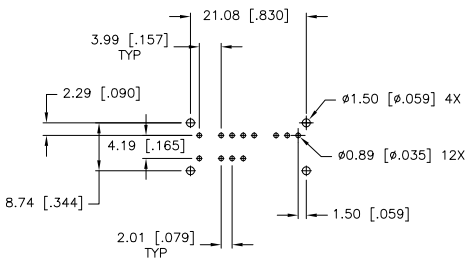
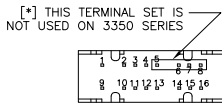
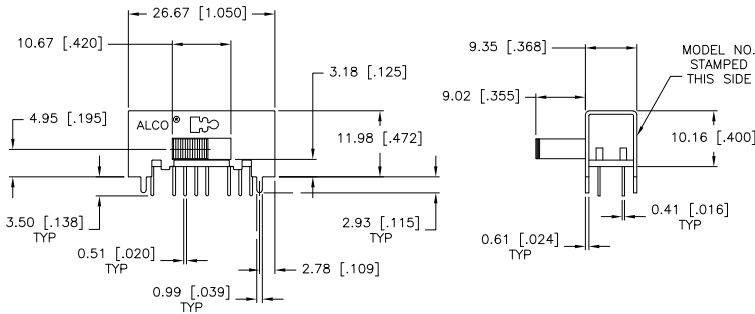
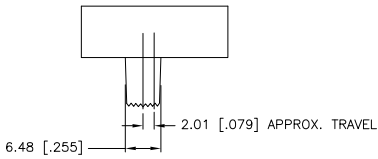
MATERIALS:
 ACTUATOR - NYLON 66 UL94V-0, BLACK
 FRAME - TIN PLATED STEEL
 TERMINAL BOARD - PHENOLIC LAMINATE UL94HB, NATURAL
 TERMINAL (SILVER) - COPPER ALLOY- SILVER OVER NICKEL PLATE
 TERMINAL (GOLD) - COPPER ALLOY- TIN OVER NICKEL PLATE
 FIXED CONTACT (SILVER) - COPPER ALLOY- SILVER OVER NICKEL PLATE
 FIXED CONTACT (GOLD) - COPPER ALLOY-GOLD OVER NICKEL PLATE
 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

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



PC HOLE LAYOUT (TOP VIEW)
 RECOMMENDED TOLERANCES ±.002

CONTACT POSITION	CONTACT PLATING	ALCO P/N	TYCO P/N
1,2 & 5,6 9,10 & 13,14	2,3 & 5,7 10,11 & 13,15	2,4 & 5,8 10,12 & 13,16	4P3T GOLD MSSA4350RG04 1825203-4
1,2 & 5,6 9,10 & 13,14	2,3 & 5,7 10,11 & 13,15	2,4 & 5,8 10,12 & 13,16	4P3T SILVER MSSA4350R04 1825203-3
1,2, 9,10 & 13,14	2,3, 10,11 & 13,15	2,4, 10,12 & 13,16	3P3T GOLD MSSA3350RG04 *1825203-2
1,2, 9,10 & 13,14	2,3, 10,11 & 13,15	2,4, 10,12 & 13,16	3P3T SILVER MSSA3350R04 *1825203-1
LEFT	CENTER	RIGHT	TYPE

THIS DRAWING IS A CONTROLLED DOCUMENT. 1825203

TYCO Electronics Corporation
 Harrisburg, PA 17105-3608

SLIDE SWITCH, 3 POS.
 (MSSA-3350R SERIES)

SIZE: A2 CASE CODE: C=1825203 DRAWING NO: 1825203-4
 WEIGHT: - RESTRICTED TO: -
 CUSTOMER DRAWING SCALE: 2:1 SHEET: 1 of 1 REV: A

1825203

A