



SPECIFICATIONS:
MAKE—BEFORE—BREAK

MATERIALS:
ACTUATOR — NYLON 66 UL94V-0, BLACK
FRAME — PLATED NICKEL
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 — 500 V/0.025IN. MIN.
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. MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
2. ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE.

REV	DATE	BY	CHKD	DESCRIPTION
1	1825205-4			MSSA4450R04
2	1825205-3			MSSA4450R04
3	*1825205-2			MSSA3450R04
4	*1825205-1			MSSA3450R04

REV	DATE	BY	CHKD	DESCRIPTION
1	1825205-4			GOLD
2	1825205-3			SILVER
3	*1825205-2			GOLD
4	*1825205-1			SILVER

THIS DRAWING IS A CONTROLLED DOCUMENT. **TYCO** ELECTRONICS CORPORATION
 HARRISBURG, PA 17105-3608
 SWITCH SLIDE RA (3P 4 POS) (MSSA-3450R SERIES)
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