

CASE: THERMOPLASTIC, UL94V-0, IVORY
ACTUATOR: SILICON RUBBER, COLOR-BLACK
CONTACT: STAINLESS STEEL, PLATING-SILVER
TERMINAL: BRASS, SILVER/NICKEL
BRACKET: NICKEL SILVER

MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX, PER EIA RS-448, METHOD 1
INSULATION RESISTANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E
DIELECTRIC STRENGTH: 500 VAC 50/60 HZ FOR 1 MINUTE
CONTACT BOUNCE: 10 MILLISECOND MAX PER EIA-448-18, METHOD 15

ACTUATOR OPERATING FORCE: SEE TABLE
ACTUATOR TRAVEL: 0.35±0.2mm

UP TO 1,000,000 CYCLES, AT RATED LOAD PER EIA-RS-448, METHOD 8
FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX
CONTACT BOUNCE: 20 MILLISECONDS MAX
ACTUATOR FORCE: WITHIN $\pm 30\%$ OF INITIAL VALUE

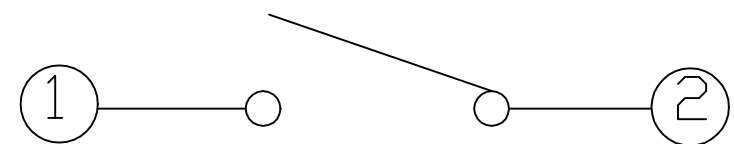
OPERATING TEMPERATURE RANGE: -35°C to +85°C, 45% - 85% RH
STORAGE TEMPERATURE RANGE: -35°C to +85°C
HUMIDITY: 96 HOURS PER EIA-186-1E
INSULATION RESISTANCE: 10 MEGOHMS MIN
DIELECTRIC STRENGTH: 500VAC 50/60HZ FOR 1 MINUTE
CONTACT RESISTANCE: 100 MILLIOHMS MAX
DRY HEAT TEST: 85°C FOR 96 HOURS PER IEC 60068-2-2, TEST B,
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
COLD TEST: -35°C FOR 96 HOURS PER IEC 60068-2-1, TEST A;
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
THERMAL CYCLING: 5 CYCLES, -35°C to +85°C
HUMIDITY-TEMPERATURE CYCLING, EIA 364-31B, METHOD III
CONTACT RESISTANCE 100 MILLIOHMS MAX
RESISTANCE TO SOLDERING HEAT PER 109-201, COND B

SEALING PER IP67 – CONTACT RESISTANCE 100 MEGOHMS MAX AND MIL-STD-202F, METHOD 112 (TEST CONDITION D, EXCEPT WITH FLUID TEMPERATURE OF 85°C±5°C AND IMMERSED FOR 60 SECONDS)

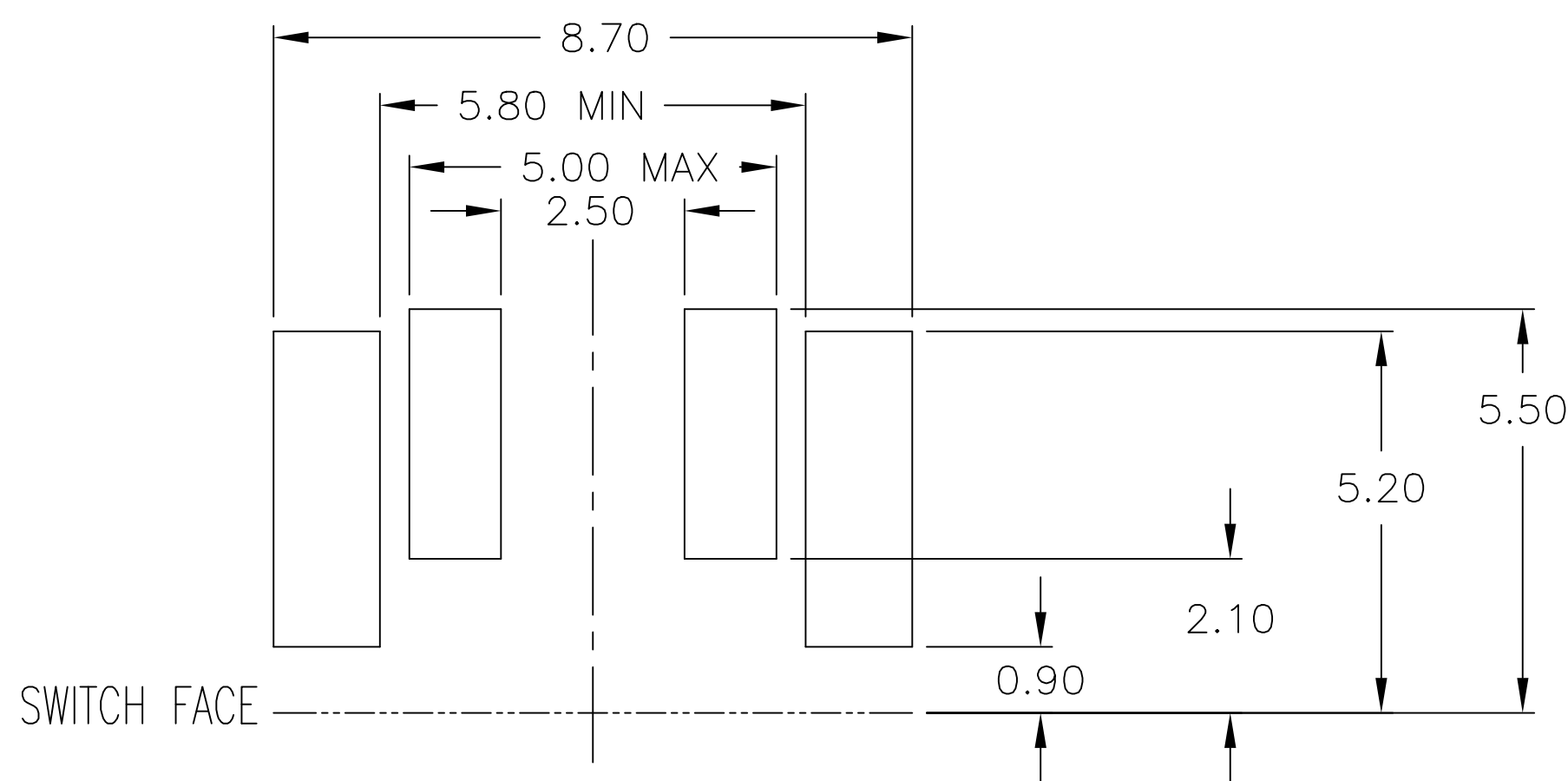
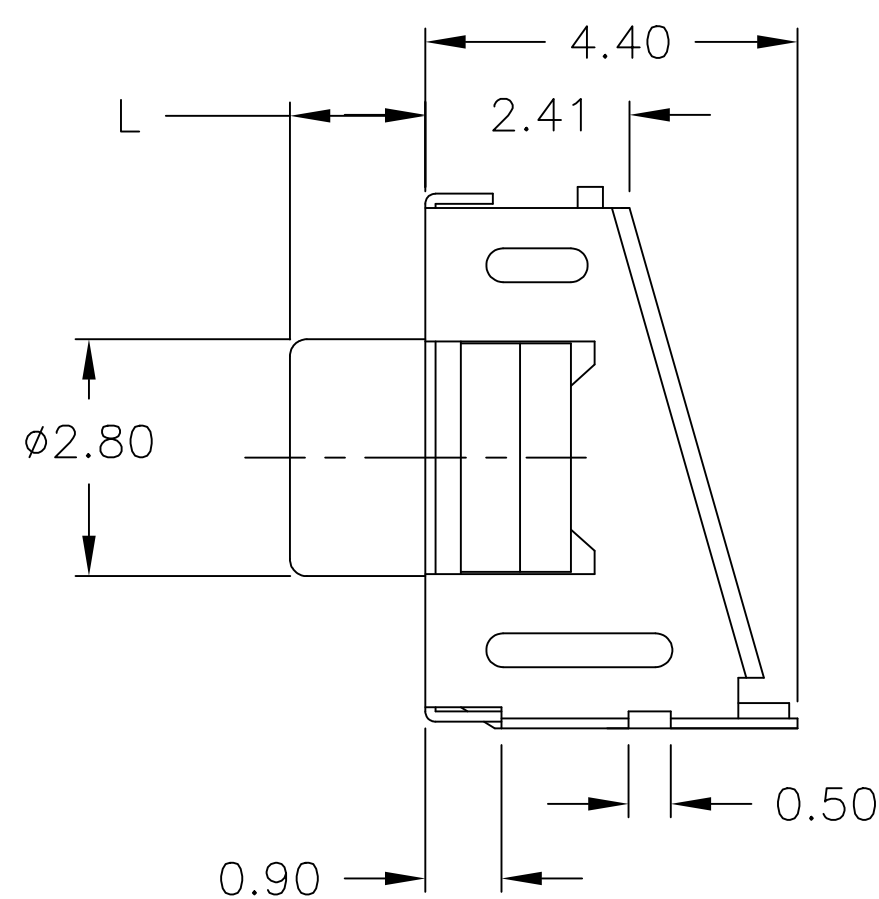
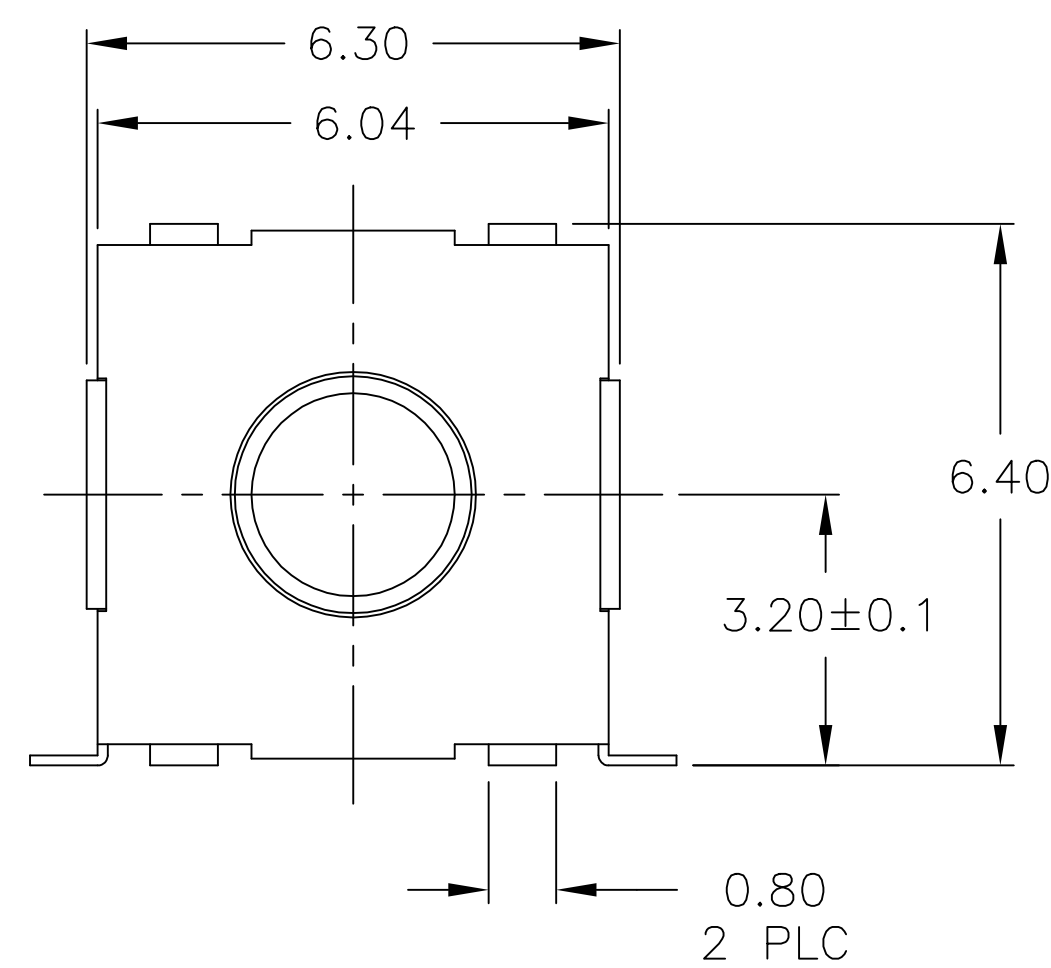
SOLDERABILITY: PER EIA-364-52, CLASS 1, CATEGORY 2

1 PARTS TO BE PACKAGED ON TAPE AND REEL PER EIA-481

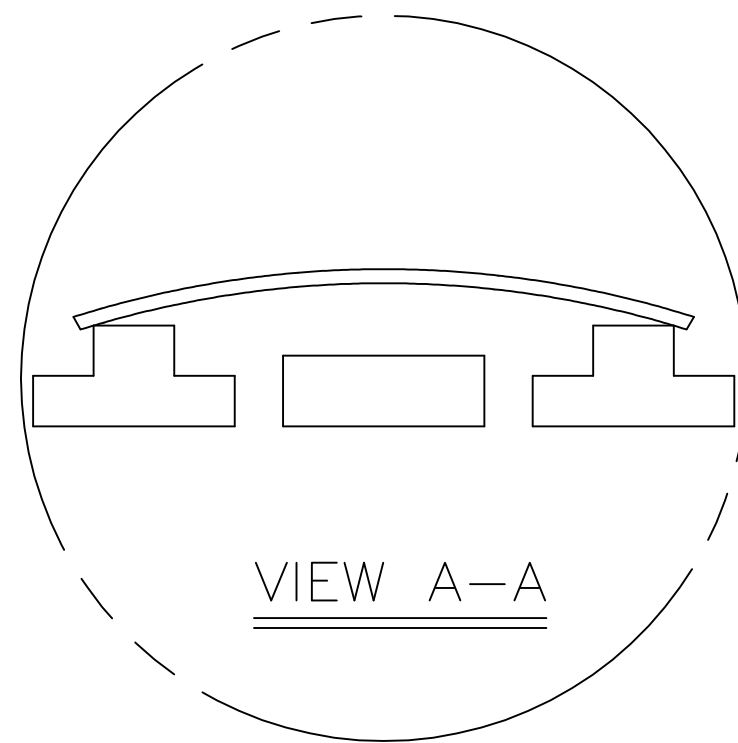
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)



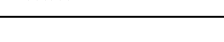
CIRCUIT DIAGRAM



P.C.B MOUNTING SOLDER LAND DIMENSIONS



1		16mm	T&R	260±100gf	1.60mm	1977497-1
	Pitch	Tape Width	Packaging	Operating force	Dim L	TE P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER		17JUL08		 TE Connectivity			
		CHK M.SARVER		—					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.SARVER		NAME SWITCH ASSEMBLY, TACTILE, RIGHT ANGLE, SMT, SEALED			
		0 PLC ± — 1 PLC ± — 2 PLC ± 0.30[.012] 3 PLC ± — 4 PLC ± — ANGLES ± —		PRODUCT SPEC — APPLICATION SPEC —					
MATERIAL —		FINISH —		WEIGHT 0.000000		SIZE A2	CAGE CODE 00779	DRAWING NO C=1977497	RESTRICTED TO —
CUSTOMER DRAWING						SCALE 8:1	SHEET 1 of 1	REV B	