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| Loc | DIST | REVISIONS | | | |
|-----|------|------------------|---------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| AD | 00 | F1 ECO-05-016281 | 16FEB06 | RB | MS |

SPECIFICATIONS

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

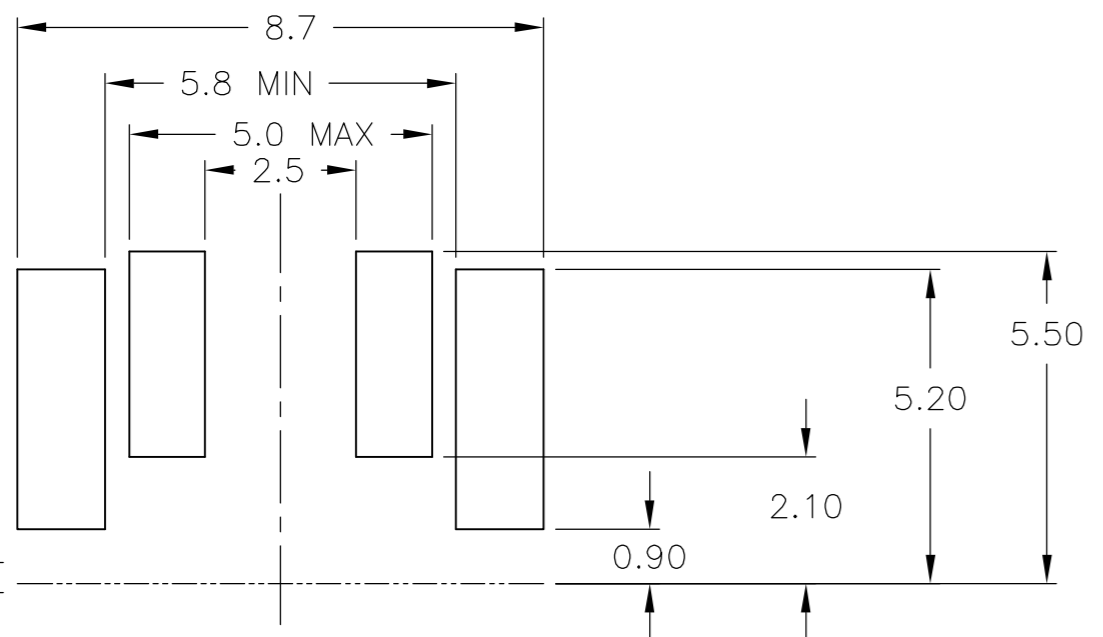
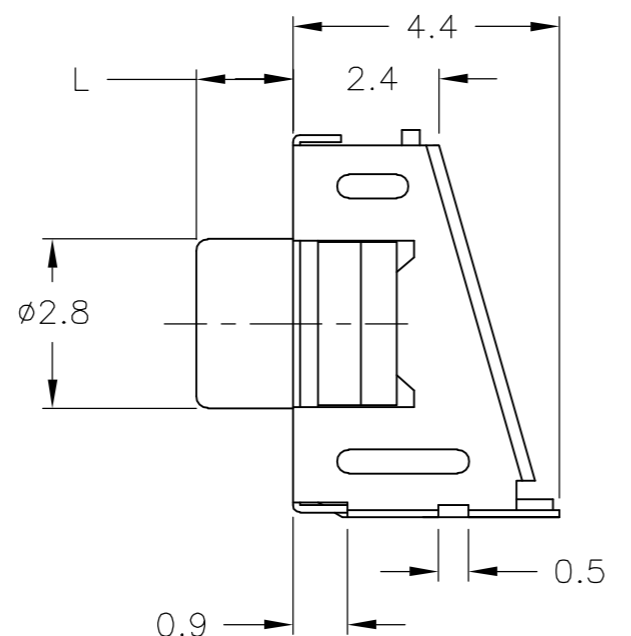
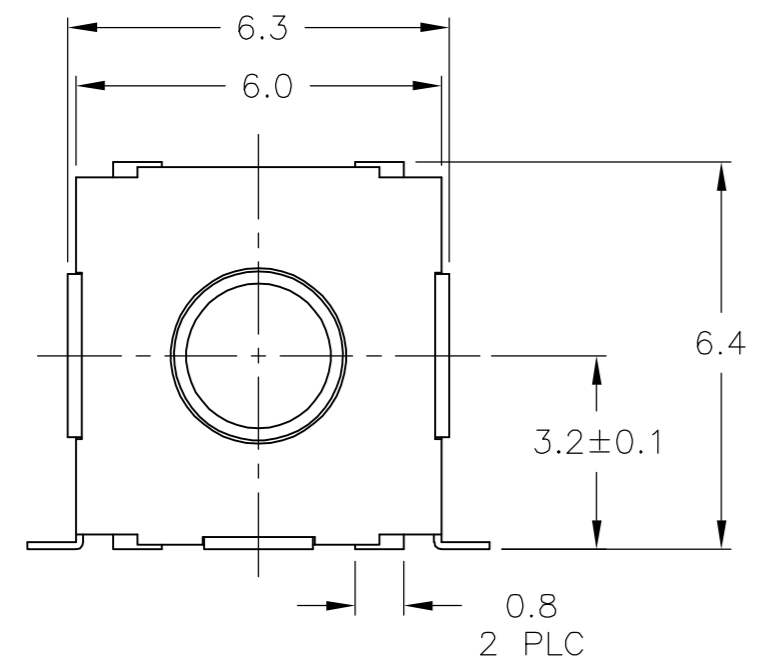
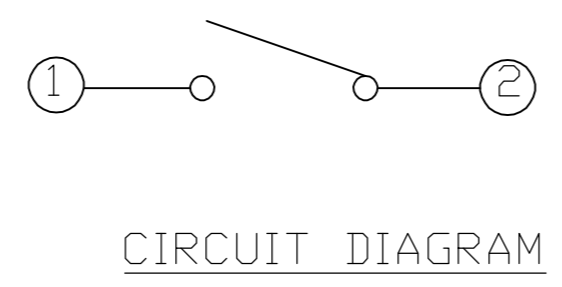
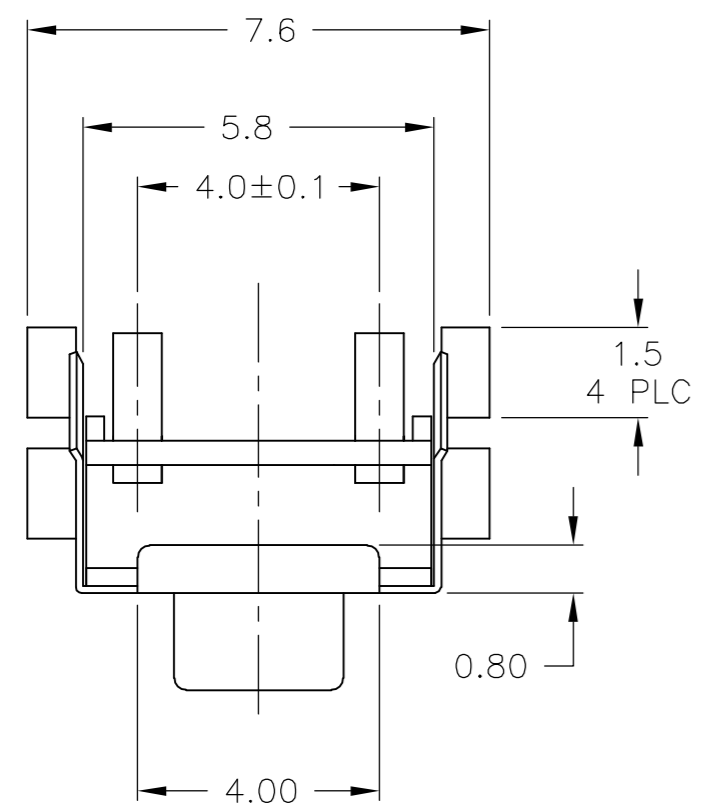
ELECTRICAL
 CONTACT RATING: 12VDC, 50mA
 INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX, PER EIA RS-448, METHOD 1
 INSULATION RESISTANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E
 DIELECTRIC STRENGTH: 500 VAC 50/60 FOR 1 MINUTE
 CONTACT BOUNCE: 10 MILLISECOND MAX PER EIA-448-18, METHOD 15

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

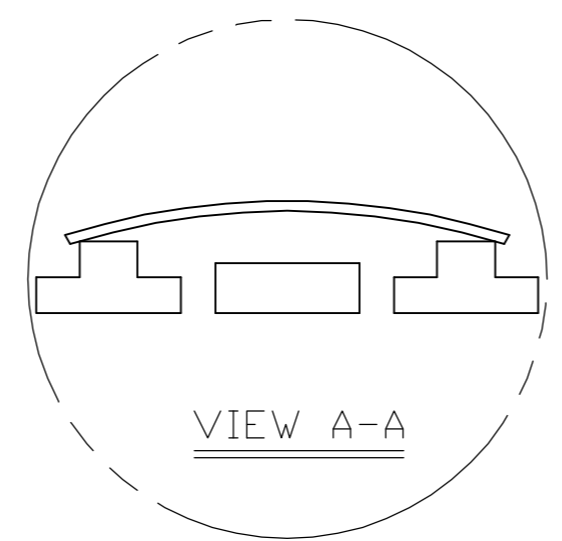
DURABILITY
 UP TO 1,000,000 CYCLES, AT RATED LOAD PER EIA-RS-448, METHOD 8
 FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX
 CONTACT BOUNCE: 20 MILLISECONDS MAX
 ACTUATOR FORCE: WITHIN ±30% OF INITIAL VALUE

ENVIRONMENTAL
 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: -25°C FOR 96 HOURS PER IEC 60068-2-1, TEST A;
 NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
 THERMAL CYCLING: 5 CYCLES, -30°C to +85°C
 HUMIDITY-TEMPERATURE CYCLING, EIA 364-31B, METHOD III
 CONTACT RESISTANCE 100 MILLIOHMS MAX
 RESISTANCE TO SOLDERING HEAT:
 EIA 364-56, PROCEDURE 4 & 5, LEVEL 3
 NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
 SEALED PER IP67 - CONTACT RESISTANCE 100 MILLIOHMS 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



P.C.B MOUNTING SOLDER LAND DIMENSIONS



1 PACKAGE ON TAPE AND REEL PER EIA-481

| 1 | Pitch | Tape Width | Packaging | Case Color | Operating force | Dim L | Supplier P/N | TYCO P/N |
|---|-------|------------|-----------|------------|-----------------|--------------|--------------|----------|
| 1 | 16mm | T&R | Ivory | 260±100gf | 3.96mm | JTS1137WSBEM | 1571407-4 | |
| | N/A | N/A | BULK | Ivory | 260±100gf | JTS1137WSB | 1571407-3 | |
| 1 | 16mm | T&R | Black | 260±100gf | 1.60mm | JTS1135WSAEM | 1571407-2 | |
| | N/A | N/A | BULK | Black | 260±100gf | JTS1135WSA | 1571407-1 | |

| | | | | |
|--|--------|----------------------|--|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M.BINNER 09DEC02 | tyco Tyco Electronics Corporation | |
| DIMENSIONS: mm | | CHK M.SARVER | Harrisburg, Pa 17105-3608 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD M.SARVER | NAME | |
| 0 PLC | ± - | PRODUCT SPEC | SWITCH ASSEMBLY, TACTILE, RIGHT ANGLE, SMT, SEALED | |
| 1 PLC | ± - | APPLICATION SPEC | SIZE A2 | CAGE CODE 00779 |
| 2 PLC | ± 0.30 | | DRAWING NO C=1571407 | RESTRICTED TO |
| 3 PLC | ± - | | SCALE 8:1 | SHEET 1 OF 1 |
| 4 PLC | ± - | | REV F1 | |
| ANGLES | ± - | | | |
| FINISH | - | | | |
| MATERIAL | - | WEIGHT - | CUSTOMER DRAWING | |