

| LOC | DIST | REV | DESCRIPTION | DATE | BY | APPD |
|-----|------|-----|---------------------------|---------|----|------|
| AD | 00 | P | | | | |
| AZ | | | REVISED PER ECO-11-021742 | 05NOV11 | KH | PO |

16. LIFE EXPECTANCY: ON-OFF ELECTRICAL SWITCHING OPERATIONS PER EIA 364-9C
 10 CYCLES PER MINUTE AT THE FOLLOWING RATED LOAD.
- | TYPE | MAXIMUM CONTACT RATING | 0.4 VA | MINIMUM CONTACT RATING |
|------------------|------------------------|--------------------|------------------------|
| D.E (OPERATIONS) | 10000 | 30000 (OPERATIONS) | 30000 (OPERATIONS) |

- OPERATING TEMPERATURE: -20°C TO 80°C.
- STORAGE TEMPERATURE: -40°C TO 80°C.
- CONTACT TIMING: NON-SHORTING.
- CONTACT RATING: 0.4VA @ 20VDC.
- CONTACT RATING MAXIMUM: 50mA 48V AC/DC.
- CONTACT RATING MINIMUM: 1µA 20mv AC/DC.
- CONTACT PLATING: GOLD OVER NICKEL.
- FIXED CONTACT/TERMINAL: GOLD OVER NICKEL.
- FRAME PLATING: TIN OVER NICKEL.
- INITIAL CONTACT RESISTANCE: LESS THAN 50 MILLIOHMS PER EIA 364-23B.
- FINAL CONTACT RESISTANCE: 100 MILLIOHMS MAX PER EIA 364-23B.
- INSULATION RESISTANCE: 500 MEGOHMS MIN AT 250VDC PER EIA 364-21C.
- DIELECTRIC STRENGTH: 500VAC BETWEEN TERMINALS AND GROUND PER EIA 364-20B, CONDITION 1.
- VIBRATION PER EIA 364-28D, CONDITION VII, LEVEL E.
- MECHANICAL SHOCK PER EIA 364-27B, CONDITION A.

| COLOR | PA RESIN | SLIDE PLATE |
|---------------|----------------|-------------------------|
| COLOR- BLACK | PA RESIN | SLIDE PLATE |
| COLOR- BLACK | PEI RESIN | BASE |
| OIL TREATED | PIANO WIRE | SPRING |
| COLOR- WHITE | PA RESIN | SLIDE PIN |
| - | SILICON RUBBER | ACTUATOR BOOT |
| 7 | PHOS BRONZE | MOVING CONTACT |
| 8 | PHOS BRONZE | FIXED CONTACT /TERMINAL |
| COLOR- YELLOW | PBT RESIN | ACTUATOR |
| 9 | BRASS | FRAME |
| COLOR- GRAY | PBT RESIN | CASE |
| FINISH | MATERIAL | PART DESCRIPTION |

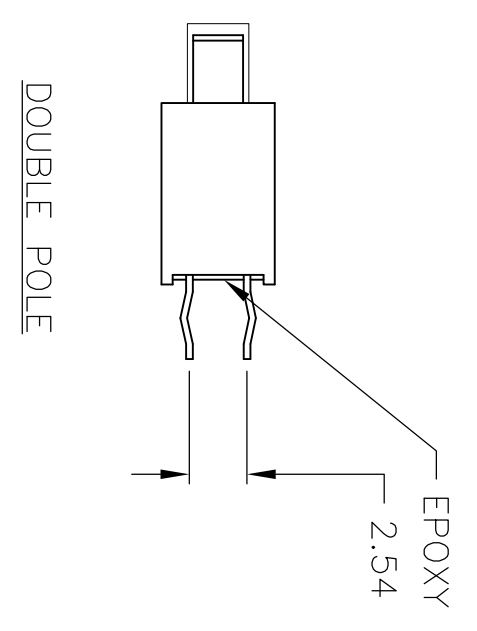
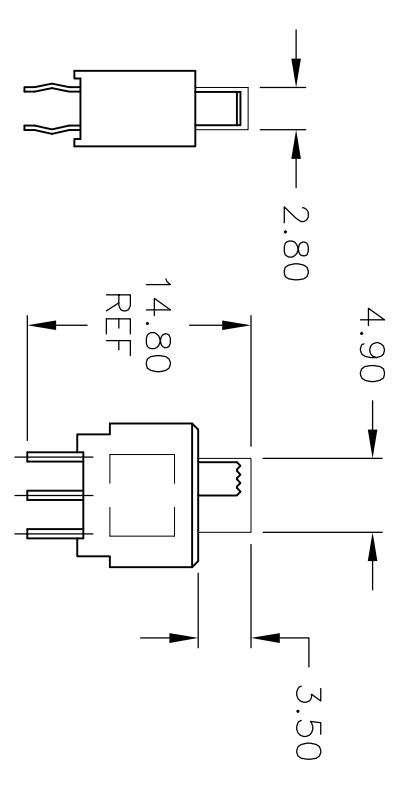
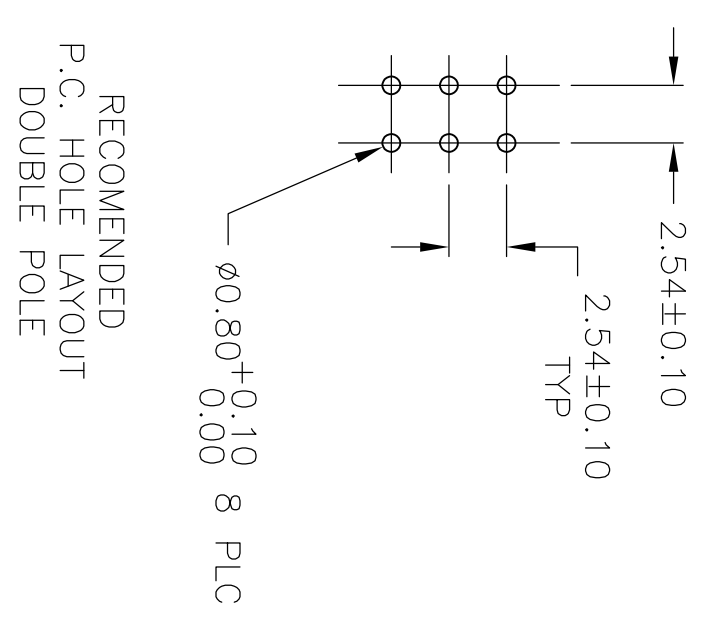
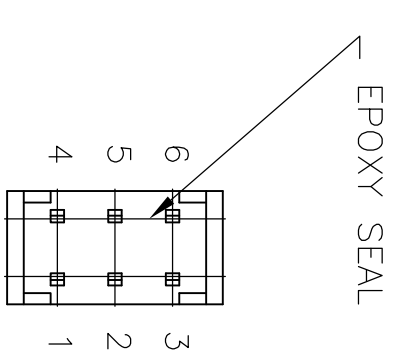
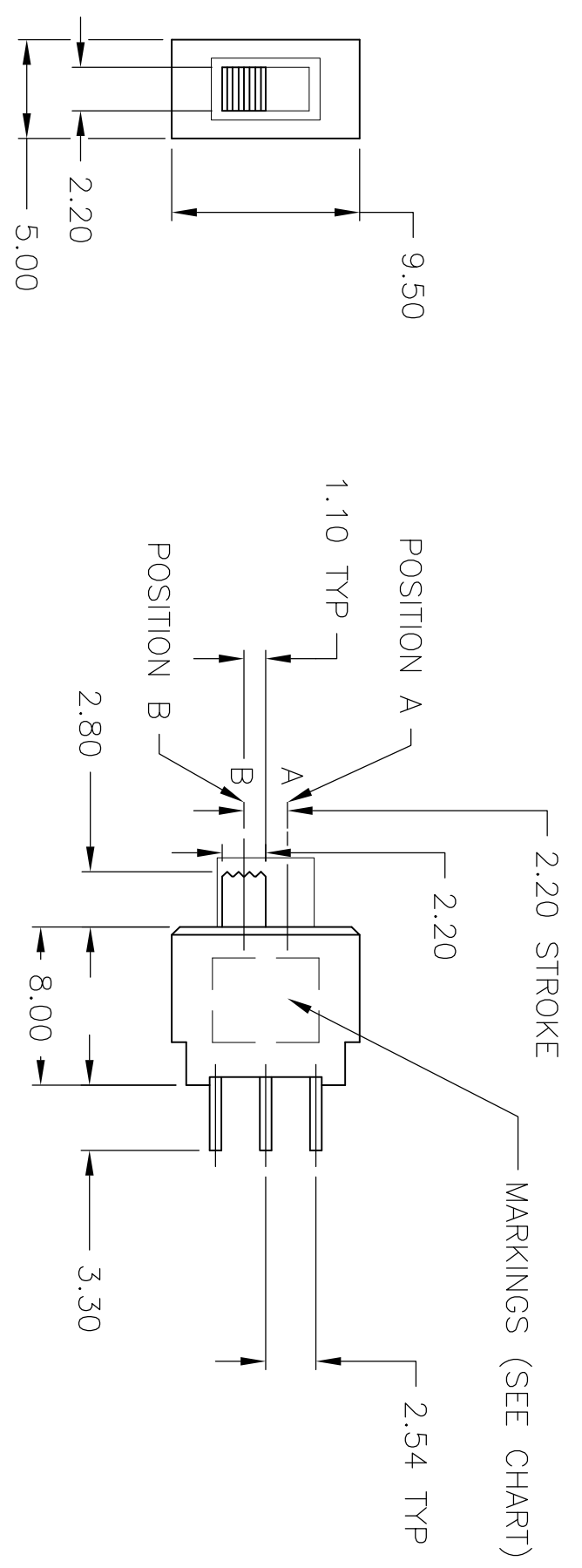
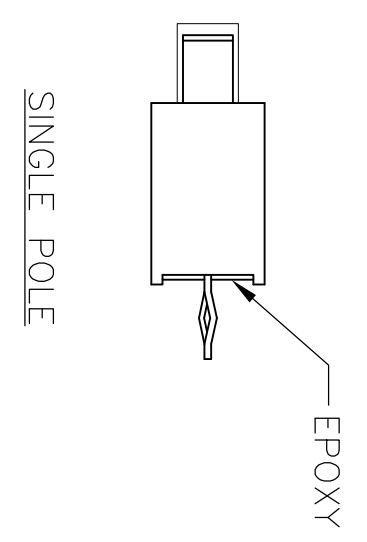
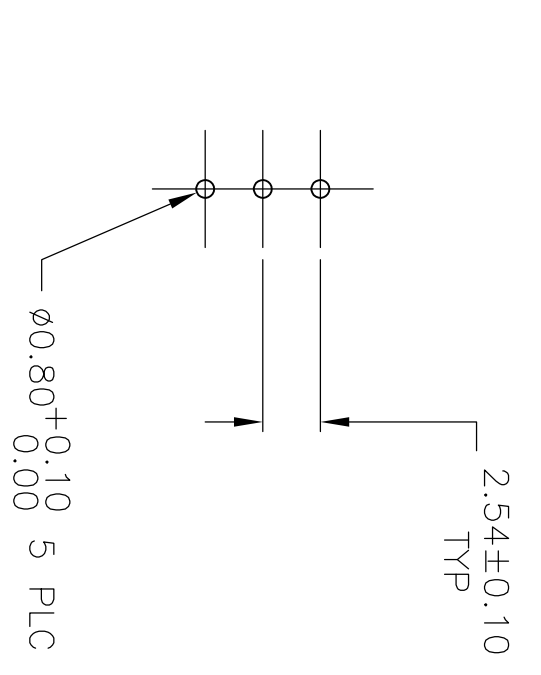
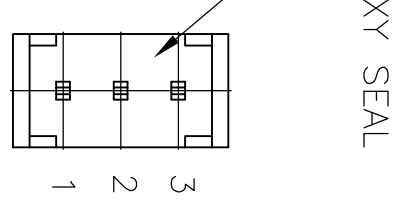
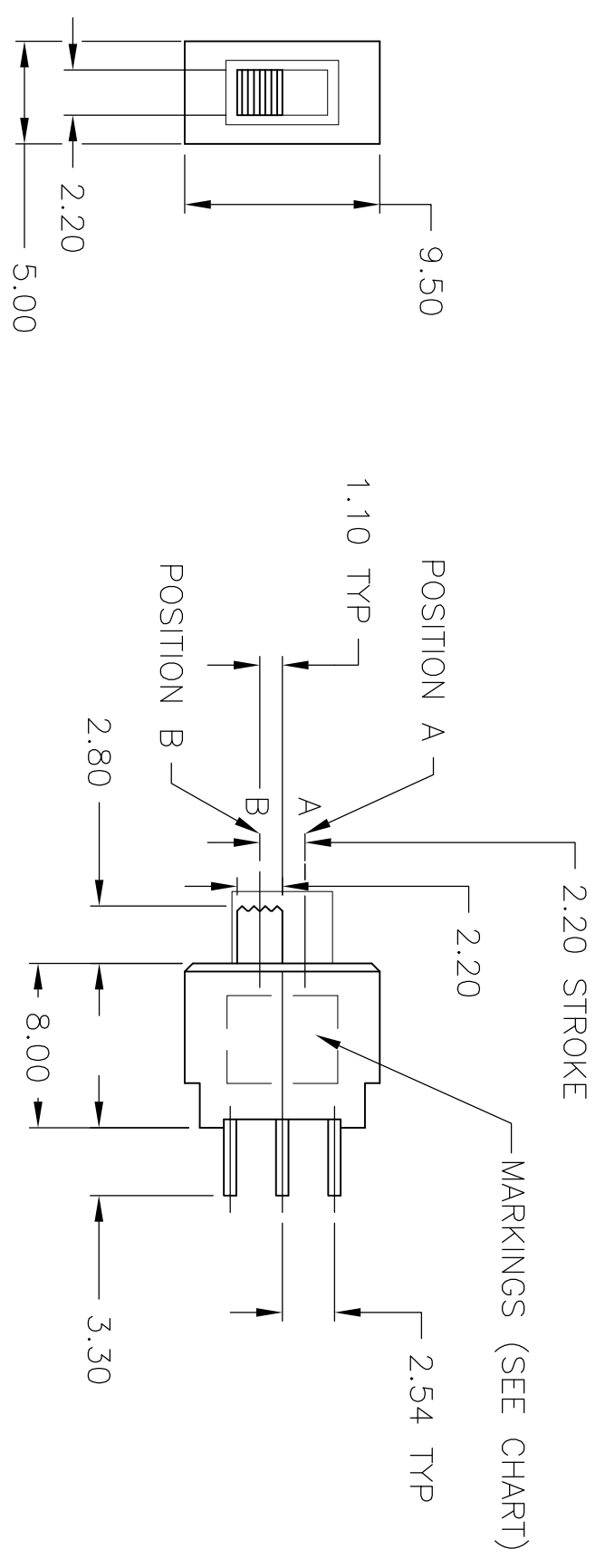
- ACTUATION FORCE: 70-500g PER EIA 364-13B.
- THERMAL SHOCK PER EIA 364-32C, -25°C TO 85°C.
- HUMIDITY-TEMPERATURE CYCLING PER EIA 364-31B, METHOD III.
- TEMPERATURE LIFE PER EIA 364-17B, METHOD B, TEMPERATURE TEST CONDITION 3, TIME CONDITION B.
- RESISTANCE TO SOLDER HEAT PER 109-202,CON B.
- SOLDERABILITY PER EIA 364-52, CLASS 2, CATEGORY 1.
- SEALED PER IEC 529, IP67.
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2000/95/EC OF 27 JAN2003 (ROHS)

| ON | OFF | ON | ALCO | SE2EGPC04 | 1825032-4 |
|-----|------|-----|------|-----------|-----------|
| 2-3 | 5-6 | 2-1 | 5-4 | SE2EGPC04 | 1825032-4 |
| ON | ON | ON | ALCO | SE2DGP04 | 1825032-3 |
| 2-3 | 5-6 | 2-1 | 5-4 | SE2DGP04 | 1825032-3 |
| ON | OFF | ON | ALCO | SE1EGPC04 | 1825032-2 |
| 2-3 | 5-6 | 2-1 | 5-4 | SE1EGPC04 | 1825032-2 |
| ON | NONE | ON | ALCO | SE1DGPC04 | 1825032-1 |
| 2-3 | 5-6 | 2-1 | 5-4 | SE1DGPC04 | 1825032-1 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | |
|------------------|----------------|------------|-----------------------|
| DMN | 03MAR05 | NAME | SWITCH, SLIDE, SEALED |
| CHK | B.S.VISWESWARA | SIZE | A2 |
| APPD | M.S.SARVER | Q&E CODE | 1825032 |
| PRODUCT SPEC | | DRAWING NO | 1825032 |
| APPLICATION SPEC | | SCALE | 1:1 |
| WEIGHT | | SHEET | 1 of 2 |
| CUSTOMER DRAWING | | REV | A2 |

STE TE Connectivity



THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | |
|-------------|---------|--|
| DIMENSIONS: | mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
| 0 PLC | ± | |
| 1 PLC | ± | |
| 2 PLC | ± 0.25 | |
| 3 PLC | ± | |
| 4 PLC | ± | |
| ANGLES | ± 0°30' | |
| MATERIAL | | FINISH |
| | | |

| | | | |
|------------------|----------------|------------|---------------------|
| DMN | 03MAR05 | NAME | STE TE Connectivity |
| CHK | B.S.VISWESWARA | SIZE | A2 |
| APVD | M.S.SARVER | QAE CODE | 1825032 |
| PRODUCT SPEC | | DRAWING NO | 1825032 |
| APPLICATION SPEC | | SCALE | 3:1 |
| WEIGHT | | SHEET | 2 of 2 |
| CUSTOMER DRAWING | | REV | A2 |

SWITCH, SLIDE, SEALED SE(**)GPC