

COMPONENT SPECIFICATION

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SPECIFICATIONS

ELECTRICAL:

CONTACT RATING: 300 mA @ 125 VAC  
 CONTACT RESISTANCE: 20 MILLIOHMS MAX.  
 INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 500 VDC  
 DIELECTRIC STRENGTH: 500 V RMS

MECHANICAL:

LIFE: 15,000 CYCLES  
 ACTUATION FORCE: 400 ±150 GRAMS

MATERIAL:

HOUSING: PBT G30, UL94V-0  
 ACTUATOR: VALOX 357, UL94V-0  
 CONTACTS: PHOSPHOR BRONZE  
 TERMINALS: BRASS  
 PLATING: CONTACT AREA - GOLD OR SILVER OVER NICKEL  
 TERMINATION AREA - TIN OVER NICKEL.

ENVIRONMENTAL:

OPERATING TEMPERATURE: -40°C TO +85°C

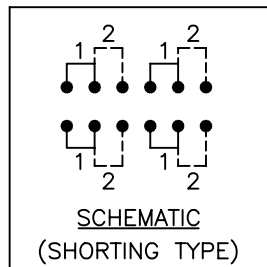
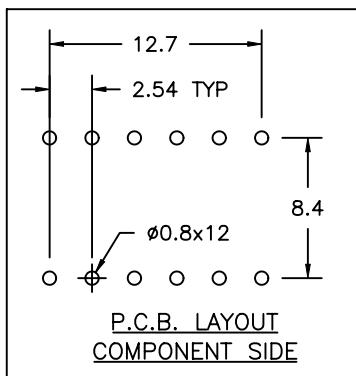
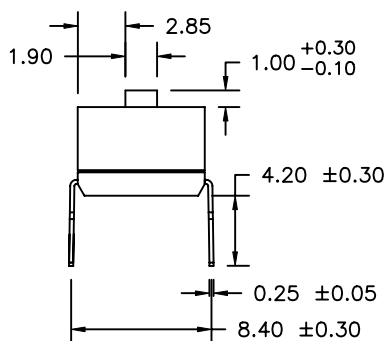
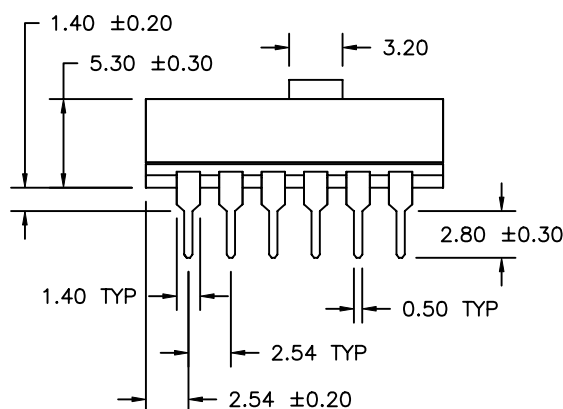
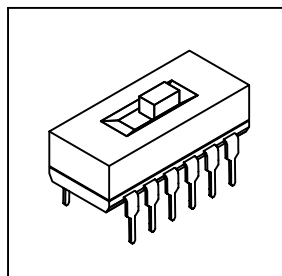
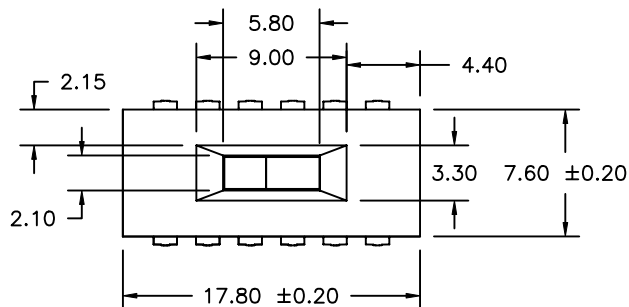
NOTES:

- SWITCH WITHSTANDS AQUEOUS OR SOLVENT CLEANING PROCESSES.
- SWITCH IS AUTO INSERTABLE - INITIALLY PROVIDED WITH RECESSED ACTUATOR AND TAPE SEAL ON TOP. TAPE IS REMOVED AFTER ASSEMBLY TO P.C.B. AND ACTUATOR IS RAISED IN A LATCHED, EXTENDED POSITION.
- 'X' IN PART NUMBER DENOTES PLATING: 1 - SILVER PLATING  
3 - GOLD PLATING

TELECOM GRADE



**SENIOR INDUSTRIES, INC.**



| DESIGNED: |     |          | SYM. | DATE:    | DESCRIPTION OF REVISIONS:        | DRAWN: | APPD: |
|-----------|-----|----------|------|----------|----------------------------------|--------|-------|
| DRAWN:    | HV  | 05/10/93 | ▲    | 04.05.94 | Note added                       | JF     | JF    |
| CHECKED:  | GAT | 11/06/06 | ▲    | 12.28.01 | Notes 2 & 3                      | RB     | TF    |
| APPROVED: | JF  | 11/06/06 | ▲    | 09.26.05 | Index, Spec, Notes Corrected     | GAT    | JF    |
|           |     |          | ▲    | 11.06.06 | Corr Housing & Actuator material | GAT    | JF    |

TOLERANCE:

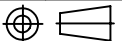
TO 1 DECIMAL PLACE: ±.2

TO 2 DECIMAL PLACES: ±.10

AS ANGLES: ±1/2°

|          |                     |
|----------|---------------------|
| PART NO: | 42SAS1UX            |
| TITLE:   | SEALED SLIDE SWITCH |
| SHEET:   | 1 OF 1              |

3RD ANGLE



UNIT: mm

SCALE: 3:1

REV.

E