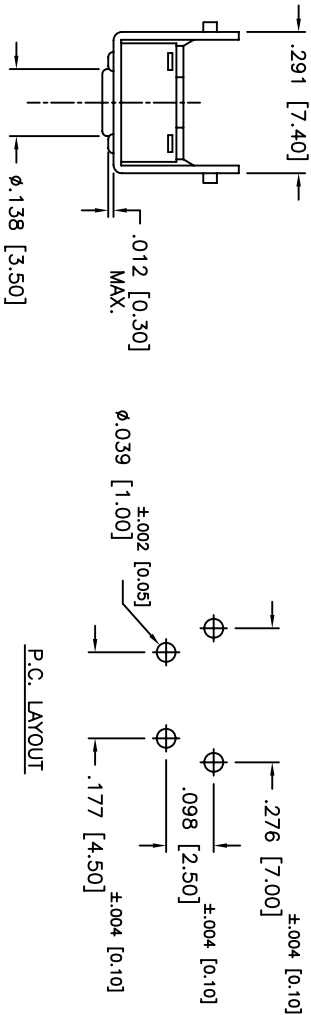
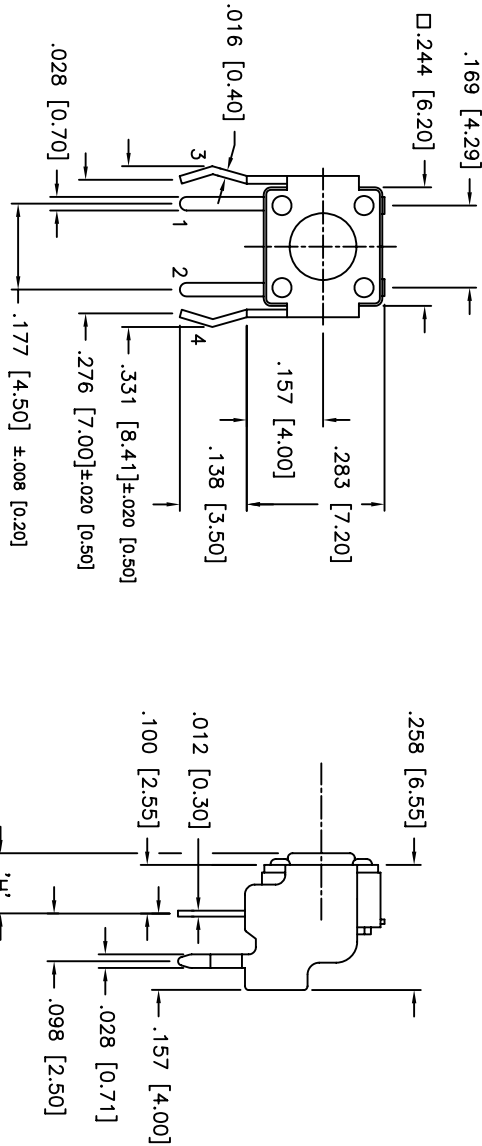


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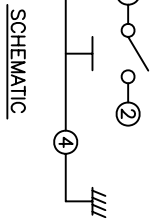
P.C. LAYOUT



PART NUMBER DESCRIPTION

ADTSA 6\*\*V

RIGHT ANGLE TACT  
6 = 6mm X 6mm  
DIM "L":  
6 = .467 [11.85]  
5 = .329 [8.35]  
3 = .230 [5.85]  
2 = .152 [3.85]  
1 = .124 [3.15]  
COLOR OF STEM FOR  
OPERATING FORCE:  
K = BLACK, 100gf  
N = BROWN, 160gf  
R = RED, 260gf  
S = SALMON, 320gf  
Y = YELLOW, 520gf



SCHEMATIC

| DATE  | SYM | REVISION RECORD | DWN. | CK. |
|-------|-----|-----------------|------|-----|
| 10/05 | A   | ECO# 480        | CD   | PD  |
| 1/06  | B   | ECO# 526        | CD   | PD  |

DESCRIPTION: SPDT, RIGHT ANGLE, THRU-HOLE MOUNT, GROUNDING, TACT SWITCH.

SPECIFICATIONS:

STORAGE TEMP. RANGE: -30°C TO +80°C

OPERATING TEMPERATURE RANGE: -25°C to +70°C

RATING: 50mA @ 12VDC

CONTACT RESISTANCE: 100mohm MAX.

INSULATION RESISTANCE: 100Mohm MIN. 500VDC.

DIELECTRIC STRENGTH: 250VAC FOR 1 MINUTE.

ELECTRICAL LIFE: 100,000 CYCLES FOR 320gf, 260gf

ELECTRICAL LIFE: 200,000 CYCLES FOR 160gf

SHOCK RESISTANCE: 50G PER METHOD 213B,

MIL-STD-202F

VIBRATION RESISTANCE: PASSES METHOD 201A, MIL-STD-202F

CONTACT ARRANGEMENT: 1 POLE, 1 THROW.

MATERIALS:

COVER: STAINLESS STEEL

CONTACT DISC: PHOSPHOR BRONZE WITH SILVER CLADDING

TERMINAL: .012THK X.028 [0.30 THK X 0.70]

BRASS WITH SILVER PLATING

BASE: UL 94V-0 NYLON THERMOPLASTIC COLOR: BLACK

STEM: UL 94V-0 NYLON THERMOPLASTIC

RoHS COMPLIANT

SOLDERING:

WAVE SOLDERING: 260°C MAX. FOR 5 SECONDS MAX.

HAND SOLDERING: 350°C MAX. FOR 5 SECONDS MAX.

(30 WATT IRON MAX.)

LEAD FREE PROCESS COMPATIBLE

| Q.A. INSPECT                                                                                                         | DESIGNER'S INITIAL                                            | DATE     | DRAWING NO. | REV                    |
|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------|-------------|------------------------|
| APEM                                                                                                                 | 63 Neck Rd. 01895<br>Haverhill, MA 01895<br>FAX: 978-372-5554 | 07/07/04 | B7606       | B                      |
| TOLERANCES<br>(UNLESS OTHERWISE SPECIFIED)<br>XXX=.02(0.05)<br>XXXX=.006(0.20)<br>XXXXX=.0008(0.02)<br>ANGLE = 40.5° | SHEET 1 OF 1                                                  | SIZE B   | SCALE 4:1   | THIRD ANGLE PROJECTION |
| TITLE ADTSA6**V                                                                                                      |                                                               |          |             |                        |

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