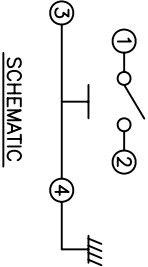
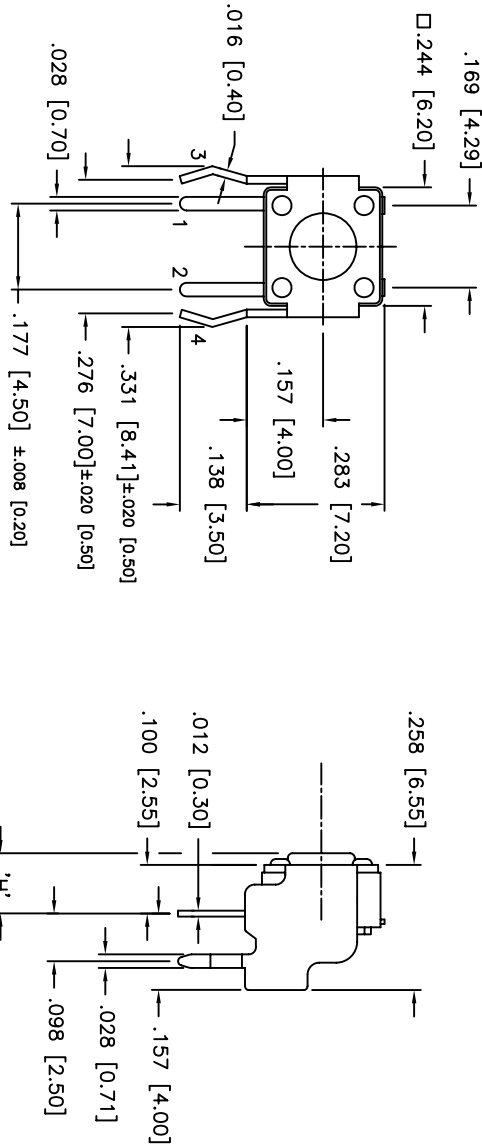
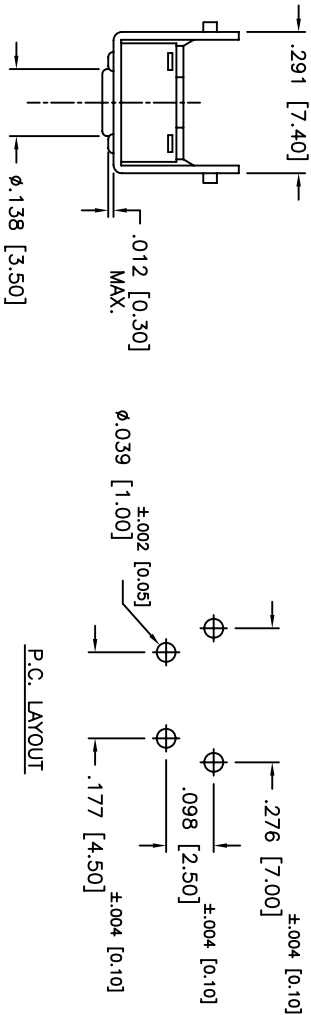


THIS DOCUMENT IS THE PROPERTY OF APEM COMPONENTS AND SHALL NOT BE COPIED, REPRODUCED, DISCLOSED OR USED AS THE BASIS FOR MANUFACTURING OR SALE WITHOUT PERMISSION OF A DULY AUTHORIZED REPRESENTATIVE OF APEM COMPONENTS INC.



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

| 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.  
ELECTRIC 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]  
BASE: UL 94V-0 NYLON THERMOPLASTIC COLOR: BLACK  
STEM: UL 94V-0 NYLON THERMOPLASTIC  
RoHS COMPLIANT  
SOLDERING:  
HAND SOLDERING: 260°C MAX. FOR 5 SECONDS MAX.  
WAVE 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 01830<br>FAX: 978-372-5554 | 07/07/04 | B7606       | B                      |
| TOLERANCES<br>(UNLESS OTHERWISE SPECIFIED)<br>XXX=.0008(0.20)<br>XXXX=.0008(0.02)<br>ANGLE = 40.5° | SHEET 1 OF 1                                                  | SIZE B   | SCALE 4:1   | THIRD ANGLE PROJECTION |
| TITLE ADTSA6**V                                                                                    |                                                               |          |             |                        |