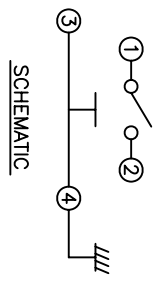
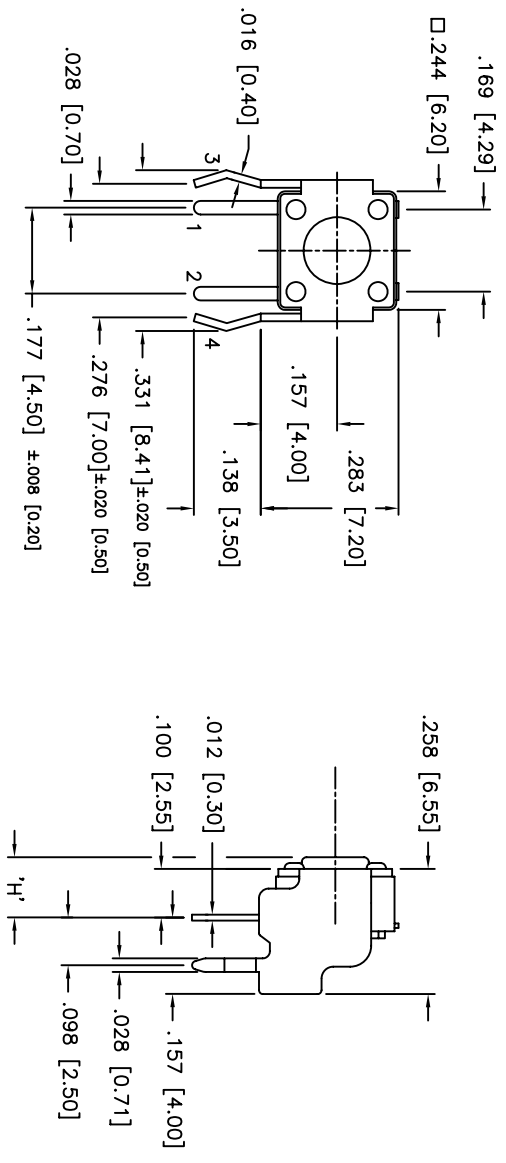
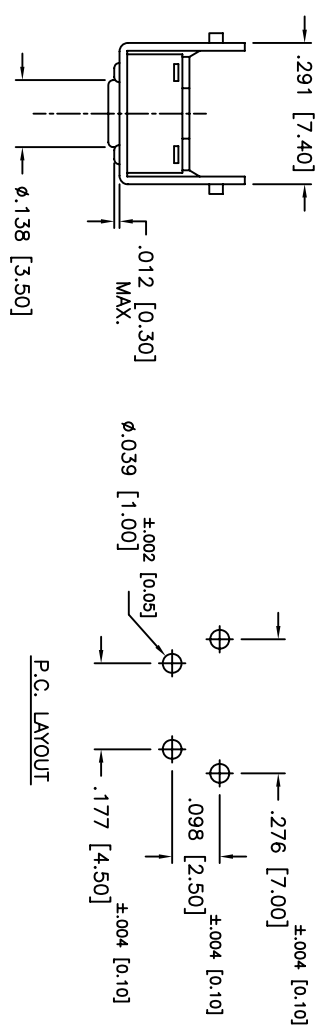


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**PART NUMBER DESCRIPTION**  
ADTSA 6\*\*V

**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  
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]  
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

|  |  |  |                               |
|--|--|--|-------------------------------|
| <p>9A. INSPECT</p> <p>DESIGNER'S INITIAL</p> <p>TOLERANCES<br/>(UNLESS OTHERWISE SPECIFIED)</p> <p>XXX±.000(0.20)</p> <p>ANGLE = 40.5°</p> |  | <p>APM<br/>63 Neck Rd.<br/>Horseshoe Bend<br/>Ft. Worth, TX 76116<br/>76116-5954</p> | <p>REV. PJD</p> <p>DR. JT</p> |
| <p>DATE: 07/07/04</p> <p>DRAWING NO.: B7606</p>  | <p>SHEET 1 OF 1</p> <p>SIZE B</p> <p>SCALE 4:1</p> <p>THIRD ANGLE PROJECTION</p> | <p>TITLE: ADTSA6**V</p>  | <p>REV. B</p>                 |

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