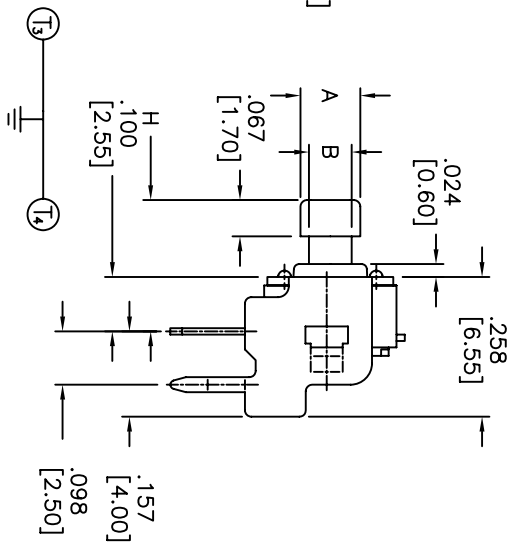
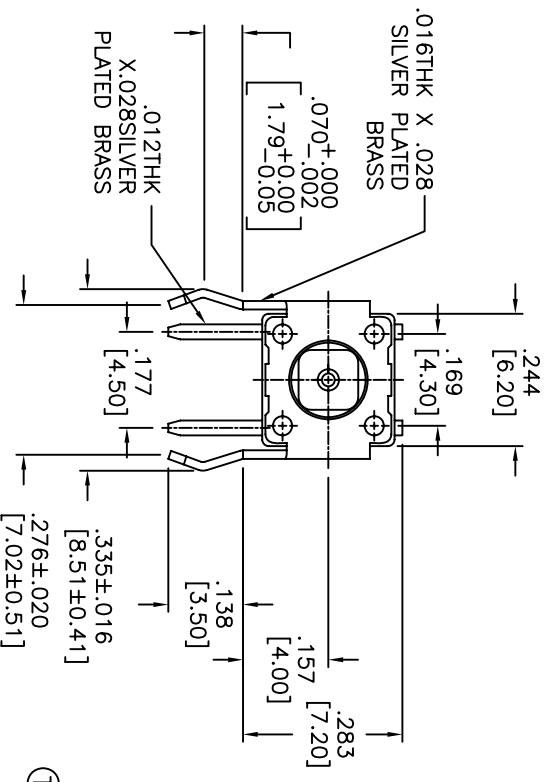


ADTSA64*NSV
 ADTSA=RIGHT ANGLE TYPE
 TACTILE SWITCH
 PROD. SIZE
 6=6X6mm
 DIMENSION H:
 44=.242 [6.15]
 48=.242 [6.15]
 SOLDERING:
 V=LEAD FREE
 S.S. DOME (1,000,000 CYCLES)
 COLOR OF STEM FOR FORCE
 N=BROWN, 160gf

| PART NO. | DIM. A | DIM. B |
|------------|--------|--------|
| ADTSA644*V | .095 | .063 |
| ADTSA648*V | .110 | .079 |



CIRCUIT DIAGRAM

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Q.A. INSPECT
 DESIGNATES CRITICAL DIMENSION

| TOLERANCES (EXCEPT AS NOTED) | | TITLE | |
|------------------------------|----------|--------------------|----------------|
| DECIMAL | ± .008 | INCH | SCALE |
| FRACTIONAL | ± 0/20 | (MM) | DRAWN APPROVED |
| ANGULAR | ± — | TACTILE SWITCH R/A | |
| DATE | 08/26/05 | DRAWING NUMBER | ADTSA64*NSV |
| REV | A | | |



DESCRIPTION: MECHANICAL CONTACT SWITCH
 SPECIFICATIONS:
 STORAGE TEMP. RANGE: -30°C TO +80°C
 OPERATING TEMPERATURE RANGE: -25°C to +70°C
 RATING: 50mA AT 12VDC
 CONTACT RESISTANCE: 100mohm MAX.
 INSULATION RESISTANCE: 100Mohm MIN. 500VDC.
 DIELECTRIC STRENGTH: 250VAC FOR 1 MINUTE
 ELECTRICAL LIFE: 1,000,000 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: STEEL, TIN PLATED
 CONTACT DISC: PHOSPHOR BRONZE WITH SILVER CLADDING
 TERMINAL: BRASS WITH SILVER PLATING
 BASE: UL 94V-0 NYLON THERMOPLASTIC COLOR: BLACK
 STEM: UL 94V-0 NYLON THERMOPLASTIC
 SOLDERING:
 IR REFLOW: 260°C MAX.
 HAND SOLDERING: 350°C MAX. FOR 5 SECONDS MAX.
 (30 WATT IRON MAX.)
 ROHS COMPLIANT
 LEAD FREE PROCESS COMPATIBLE

| DATE | SYM | REVISION RECORD | DWN. | CK. |
|------|-----|-----------------|------|-----|
| | | | | |
| | | | | |
| | | | | |