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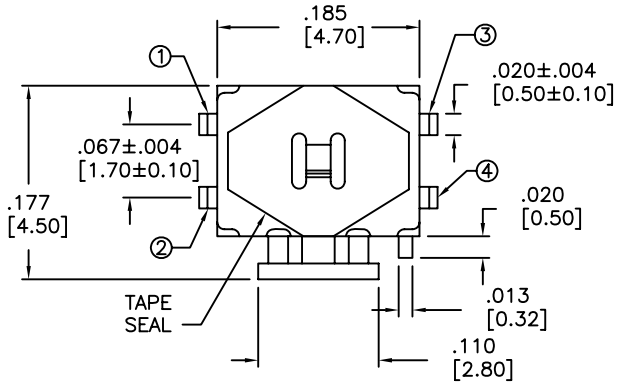
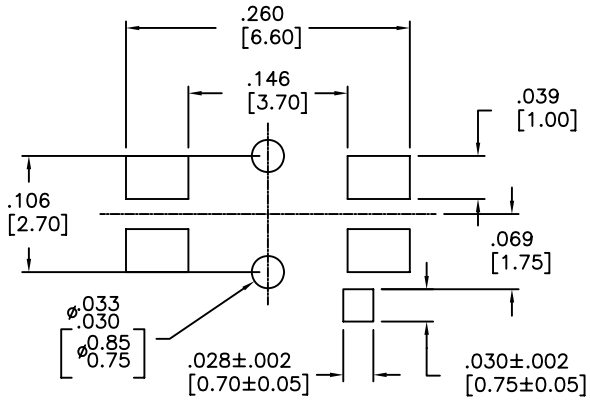
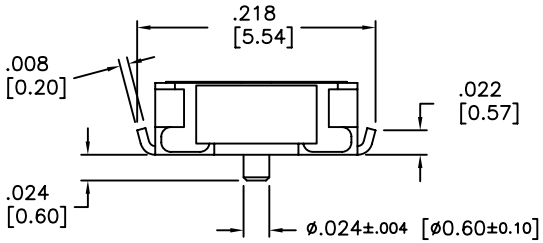
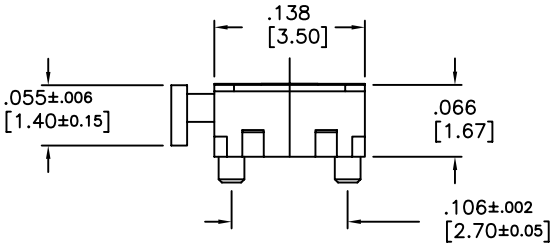
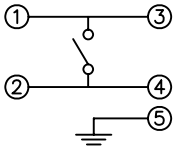



P.C. LAYOUT
UNLESS OTHERWISE SPECIFIED
P.C. TOLERANCES ARE ±.004 [0.10]




SCHEMATIC

DESCRIPTION: SPST, MINIATURE SIDE PUSH SWITCH WITH TAPE SEAL, GULLWING SURFACE MOUNT AND GROUNDING TERMINAL.

SPECIFICATIONS:

CONTACT RATING: 50mA @ 12VDC
INSULATION RESISTANCE: 100 MOHMS MIN. (500VDC)
DIELECTRIC STRENGTH: 250VAC FOR 1 MINUTE
CONTACT RESISTANCE: 100 mOHMS MAX.
SHOCK RESISTANCE: 50G PER METHOD 213B.
MIL–STD–202F
VIBRATION RESISTANCE: PASSES METHOD 201A.
MIL–STD–202F
ELECTRICAL LIFE:
100,000 CYCLES MIN.
OPERATING FORCE: 220 $^{+80}_{-70}$ gf
TRAVEL: .012 $^{+.004}_{-.006}$ [0.30 $^{+0.10}_{-0.15}$ ]
OPERATING TEMP. RANGE: –25°C TO +70°C
STORAGE TEMP. RANGE: –30°C TO +80°C
MATERIALS
COVER: STAINLESS STEEL.
CONTACT DISK: STAINLESS STEEL.
TERMINAL: BRASS WITH SILVER PLATING.
BASE; LCP HIGH–TEMP. THERMOPLASTIC, COLOR: BLACK.
STEM:LCP HIGH–TEMP. THERMOPLASTIC, COLOR: BLACK.
TAPE SEAL: TEFLON
ROHS COMPLIANT
LEAD FREE PROCESS COMPATIBLE
HAND SOLDERING: 30 WATT IRON AT 350°c FOR 5 SECONDS
IR REFLOW: 255°C MAX

Q.A. INSPECT.
△ DESIGNATES CRITICAL DIMENSION

TOLERANCES (EXCEPT AS NOTED)
.XX=±02[0.05]
.XXX=±.008[0.20]
.XXXX=±.0008[0.02]
ANGLE = ±0.5°

DO NOT SCALE DRAWING

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Fax:978–372–3534

DRN. BY: CJD
CHK. BY: PJD

| INCH (MM) | SHEET | SIZE | SCALE | THIRD ANGLE PROJECTION |
|---|---|---|---|---|
| | 1 OF 1 | B | 9:1 | |

TITLE: TINY SIDE PUSH SWITCH

| DATE | DRAWING NO. | REV |
|---|---|---|
| 1/11/07 | APTCLGTV | A |