

SPECIFICATIONS

FUNCTION:
 Directional: 1P4T OFF-(ON)-(ON)-(ON)-(ON)
 Center: 1P1T OFF-(ON)

RATINGS:
 50mA 12VDC

OPERATING FORCE:
 Directional: 160gf
 Center: 320gf

CONTACT RESISTANCE:
 Initial: 100mΩ Max.

INSULATION RESISTANCE:
 100MΩ at 100VDC Min.

WITHSTAND VOLTAGE:
 250VAC For 1 Minute

ELECTRICAL LIFE:
 100,000 Cycles

SHOCK RESISTANCE:
 MIL-STD-202F, METHOD 213B

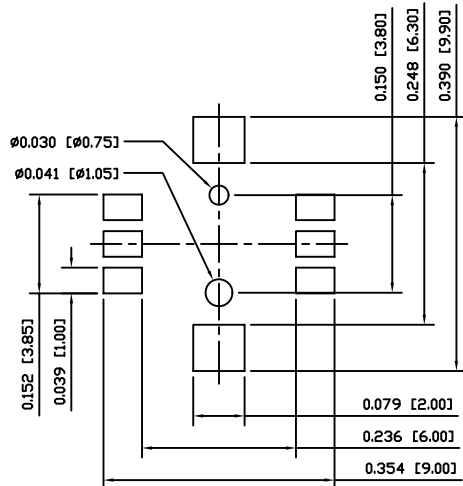
VIBRATION RESISTANCE:
 MIL-STD-202F, METHOD 201A

TEMPERATURE:
 Operating: -25°C to 70°C
 Storage: -40°C to 85°C

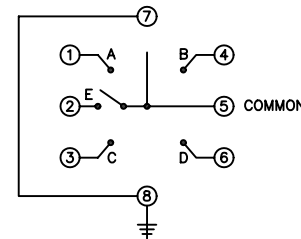
APPROVALS:



SUGGESTED PCB LAYOUT



SCHEMATIC



MATERIALS

- BASE:**
Liquid Crystal Polymer (LCP)
- COVER:**
Nickel Silver
- ACTUATOR:**
Nylon
- DIRECTIONAL STEM:**
Nylon
- CONTACTS:**
Silver Plated Stainless Steel
- TERMINALS:**
Silver Plated Brass

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LAST REVISION:
 JAN. 5, 2006

UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS ARE IN INCHES [MILLIMETERS]
 TOLERANCES ARE:
 DEC .X±0.2 ANG ± 1°
 .XXX±0.008 DRAWING NOT TO SCALE

DRAWING NUMBER: 06-TSD5J-4.0K-160.dwg

TSD5J-4.0K-160