



## SPECIFICATIONS

FREQUENCY RANGE: 1 GHz– 2 GHz  
 DC BIAS: +5V±.5V @ 80mA MAXIMUM  
           -15V±3V @ 50mA MAXIMUM  
 INSERTION LOSS: 1.0 dB MAXIMUM  
 VSWR: 1.5:1 MAXIMUM  
 ISOLATION: 85 dB MINIMUM  
 SWITCHING SPEED: 100 nsec MAXIMUM  
 POWER WATTS: 1.0 MAXIMUM  
 SWITCH TYPE: SPDT  
 CONTROLS:

TTL LOGIC 0: LOW LOSS  
 TTL LOGIC 1: ISOLATION  
 E1 CONTROLS: J2–J1  
 E2 CONTROLS: J3–J1



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**COAXIAL & FIBER OPTICS**

DWG TITLE

**PE7112**

DES. SMA FEMALE, COAXIAL SWITCH FREQUENCY  
 RANGE: 1 GHz 2 GHz SWITCH TYPE: SPDT

REV. A **FSCM NO. 53919**

CAD FILE 022009

SCALE N/A

SIZE A 147

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES.