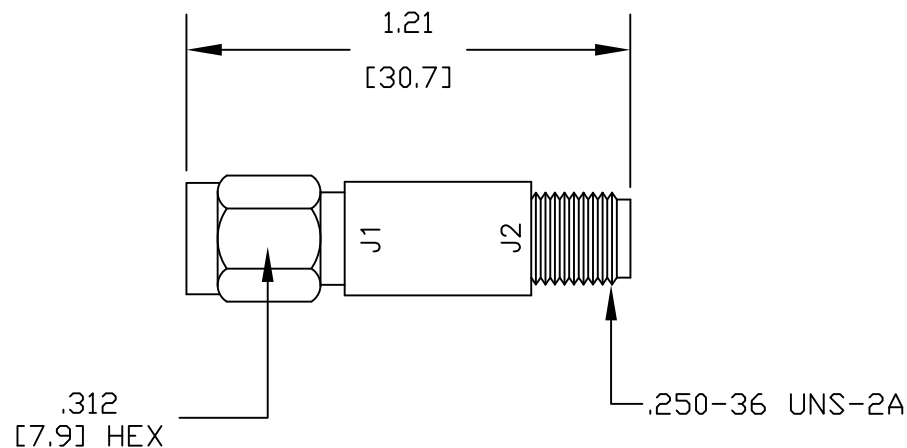


## MATERIALS

BODY	PASSIVATED STAINLESS STEEL
CONTACT	GOLD PLATED
INSULATOR	PTFE



## SPECIFICATIONS

FREQUENCY RANGE: 2.0–8.0 GHz  
INSERTION LOSS(MEASURED AT  $-10$ dBm): 1.2 dB MAX  
VSWR (MEASURED AT  $-10$  dBm): 1.6:1  
LEAKAGE @ 1W CW INPUT:  $+16.0$  dBm MAX

### PASSIVE PIN DIODE LIMITERS

1 WATT CW & 100 WATT PEAK ( $1\mu$ SEC) POWER HANDLING  
0.1% DUTY CYCLE, DERATED TO 20% AT  $+125^{\circ}\text{C}$   
INTERNAL DC RETURN  
LIMITING THRESHOLD ABOVE  $+9$  dBm TYPICAL  
OPERATING TEMPERATURE RANGE=  $-55^{\circ}\text{C}$  TO  $+125^{\circ}\text{C}$

\*SMA MALE INPUT / SMA FEMALE OUTPUT



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E-MAIL ADDRESS: [sales@pasternack.com](mailto:sales@pasternack.com)

**COAXIAL & FIBER OPTICS**

DWG TITLE

**PE8021**

DES. SMA PIN-PIN DIODE LIMITERS FREQUENCY  
RANGE: 2.0-8.0 GHz

REV. B

FSCM NO. 53919

CAD FILE 020811

SCALE N/A

SIZE A

127

#### 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 (mm).