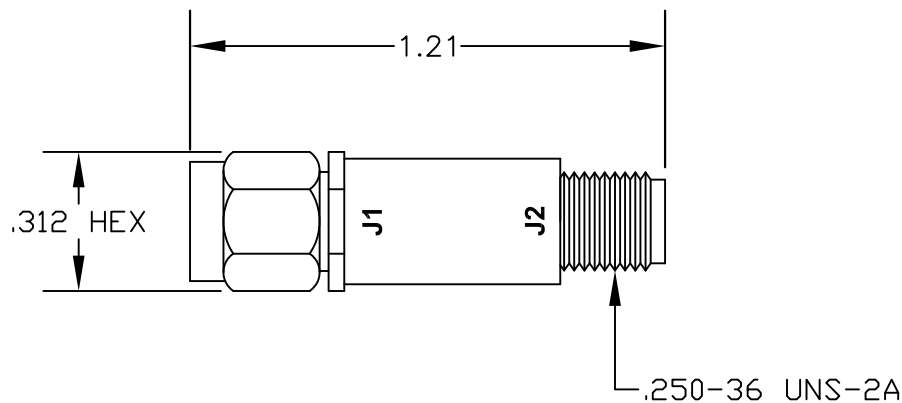


## MATERIALS

BODY	PASSIVATED STAINLESS STEEL
CONTACT	GOLD PLATED
INSULATOR	PTFE



## SPECIFICATIONS

FREQUENCY RANGE: 2.0–18.0 GHz  
 INSERTION LOSS(MEASURED AT -10dBm): 2.5 dB MAX  
 VSWR (MEASURED AT -10 dBm): 2.2:1  
 LEAKAGE @ 1W CW INPUT: +18.0 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°C  
 INTERNAL DC RETURN  
 LIMITING THRESHOLD ABOVE +9 dBm TYPICAL  
 OPERATING TEMPERATURE RANGE= -55°C TO +125°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

**PE8022**

DES.

SMA PIN-PIN DIODE LIMITERS FREQUENCY RANGE: 2.0-18.0 GHz

REV. A

FSCM NO. 53919

CAD FILE 071410

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.