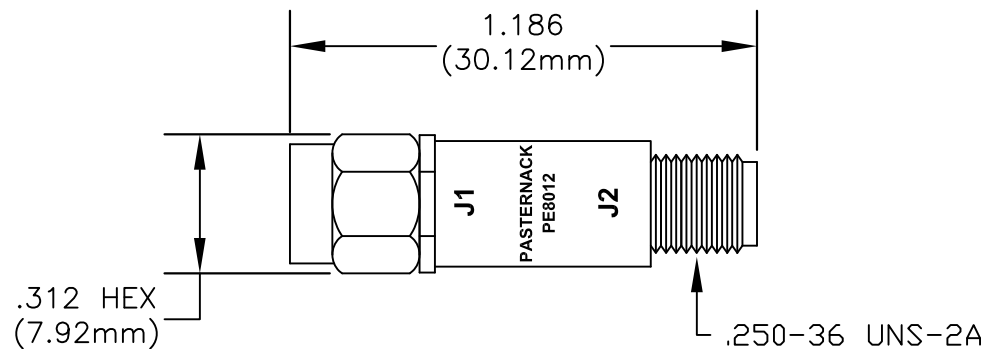


MATERIALS

BODY	PASSIVATED STAINLESS STEEL
CONTACT	GOLD PLATED
INSULATOR	PTFE



SPECIFICATIONS

SMA MALE INPUT / SMA FEMALE OUTPUT	
NOMINAL IMPEDANCE	50 OHMS
FREQUENCY RANGE	0.01-12.4 GHz
VOLTAGE SENSITIVITY	500 mV/mW MINIMUM
FLATNESS	±0.30 dB MAXIMUM
UNITS ARE MATCHED FOR VSWR	
NEGATIVE OUTPUT POLARITY IS STANDARD	
NO BIAS REQUIRED	
MAXIMUM RF INPUT POWER	+23 dBm
VSWR	1.40:1 TYPICAL
VIDEO CAPACITANCE	470 pF
OPERATING TEMPERATURE RANGE	-55° TO +125°C
STORAGE TEMPERATURE RANGE	-65° TO +150°C
SPECIFICATION @ +25°C, INPUT POWER AT -20dBm	



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E-MAIL ADDRESS: sales@pasternack.com

COAXIAL & FIBER OPTICS

DWG TITLE

PE8012

DES.

SMA ZERO BIAS SCHOTTKY DIODE
DETECTOR FREQUENCY RANGE: 0.01-12.4 GHz

REV. B

FSCM NO. 53919

CAD FILE 011110

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.