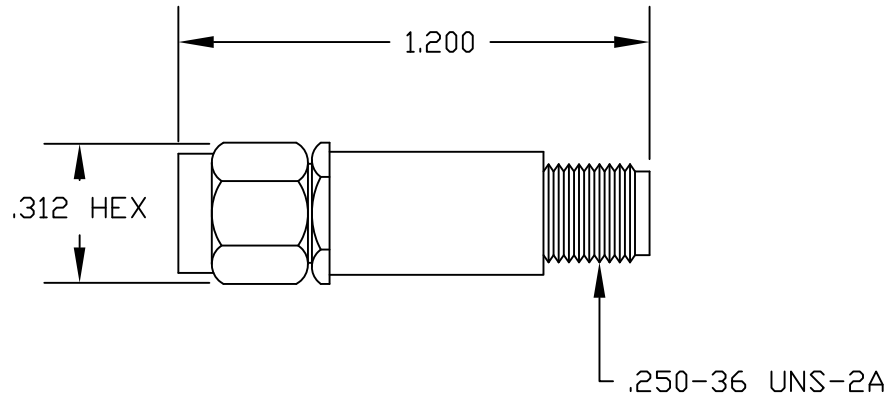


MATERIALS

BODY	PASSIVATED STAINLESS STEEL
CONTACT	GOLD PLATED
INSULATOR	PTFE



SPECIFICATIONS

SMA MALE INPUT / SMA FEMALE OUTPUT

NOMINAL IMPEDANCE	50 OHMS
FREQUENCY RANGE	0.01-18.5 GHz
VOLTAGE SENSITIVITY	400 mV/mW MINIMUM
FLATNESS	±0.50 dB MAXIMUM

UNITS ARE MATCHED FOR VSWR

NEGATIVE OUTPUT POLARITY IS STANDARD

NO BIAS REQUIRED

MAXIMUM RF INPUT POWER	+23 dBm
VSWR	1.50:1 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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COAXIAL & FIBER OPTICS

DWG TITLE

PE8013

DES. SMA ZERO BIAS SCHOTTKY DIODE
DETECTOR FREQUENCY RANGE: 0.01-18.5 GHz

REV. A	FSCM NO. 53919	CAD FILE 011110	SCALE N/A	SIZE A	147
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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.