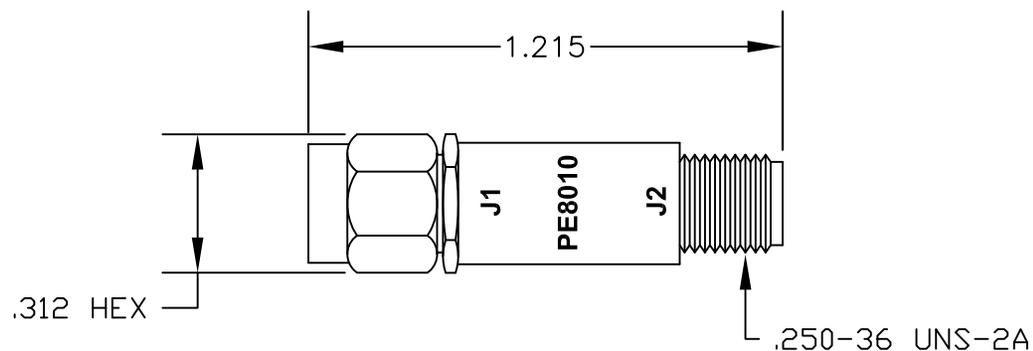


MATERIALS

BODY	PASSIVATED STAINLESS STEEL
CONTACT	GOLD PLATED
INSULATOR	PTFE



SPECIFICATIONS

SMA MALE INPUT / SMA FEMALE OUTPUT	
NOMINAL IMPEDANCE	50 OHMS
FREQUENCY RANGE	0.01-2.0 GHz
VOLTAGE SENSITIVITY	500 mV/mW MINIMUM
FLATNESS	±0.20 dB MAXIMUM
UNITS ARE MATCHED FOR VSWR	
NEGATIVE OUTPUT POLARITY IS STANDARD	
NO BIAS REQUIRED	
MAXIMUM RF INPUT POWER	+23 dBm
VSWR	1.20:1 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	



PASTERNAK ENTERPRISES, INC.

P.O BOX 16759, IRVINE, CA 92623
PHONE (949) 261-1920 FAX (949) 261-7451

WEB ADDRESS: www.pasternack.com
E-MAIL ADDRESS: sales@pasternack.com

COAXIAL & FIBER OPTICS

DWG TITLE

PE8010

DES.

SMA ZERO BIAS SCHOTTKY DIODE
DETECTOR FREQUENCY RANGE: 0.01-2.0 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.