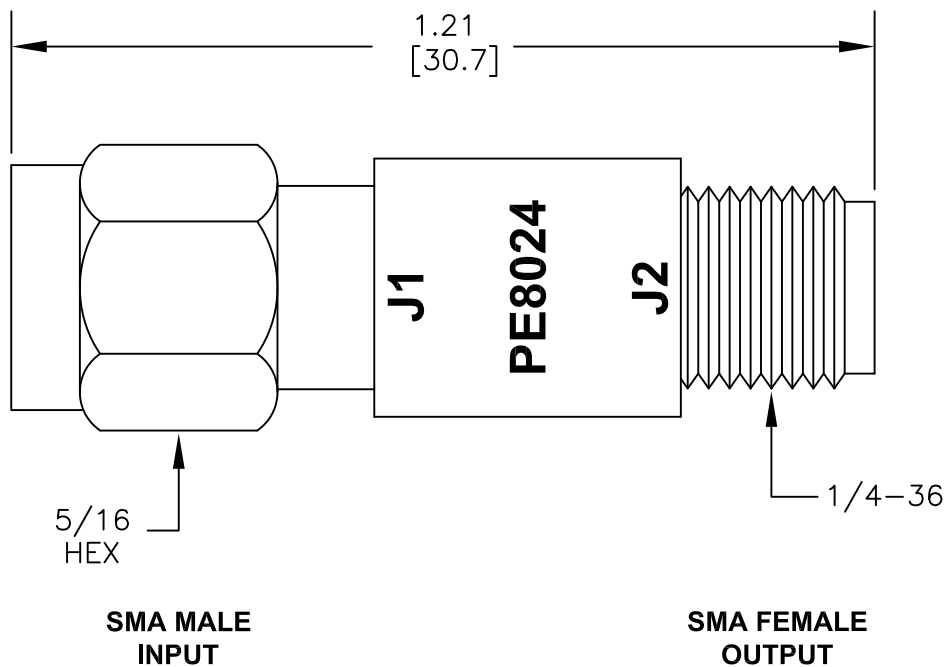


**MATERIALS**

<b>BODY</b>	<b>PASSIVATED STAINLESS STEEL</b>
<b>CONTACT</b>	<b>GOLD PLATED</b>
<b>INSULATOR</b>	<b>PTFE</b>



SPECIFICATIONS

FREQUENCY RANGE: 6.0-18.0 GHz  
 INSERTION LOSS(MEASURED AT -10dBm): 2.2 dB MAX  
 VSWR (MEASURED AT - 10 dBm): 2.0:1  
 LEAKAGE @ 1W CW INPUT: + 18.5 dBm MAX  
 LEAKAGE PEAK: + 23 dBm MAX

PASSIVE PIN DIODE LIMITERS

1 WATT CW  
 [ 100 WATT PEAK POWER (1μSEC) PULSE WIDTH, 0.1% DUTY CYCLE,  
 DERATED TO 20% AT + 125°C ]  
 INTERNAL DC RETURN  
 LIMITING THRESHOLD ABOVE + 12 dBm TYPICAL  
 OPERATING TEMPERATURE RANGE= - 55°C TO + 90°C  
 FAST RECOVERY TIME (10 to 20 nsec Typ.)



Pasternack Enterprises, Inc.  
 P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE		DES.			
<b>PE8024</b>		SMA PIN-PIN DIODE LIMITERS FREQUENCY RANGE: 6.0-18.0 GHz			
REV. A	FSCM NO. 53919	CAD FILE 092012	SCALE N/A	SIZE A	2233

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].