



## 1 Watt RF Load Up To 65 GHz With 1.85mm Male Input Passivated Stainless Steel

### RF Terminations Technical Data Sheet

PE6235

#### Configuration

Connector	1.85mm Male
Heat Sink	Passivated Stainless Steel
Connection Method	Standard
Body Style	Straight

#### Electrical Specifications (Values at 25°C, sea level)

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		65	GHz
Impedance		50		Ohms
VSWR			1.35:1	
Input Power			1	Watts

#### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 18	18 to 40	40 to 65			GHz
VSWR	1.2:1	1.3:1	1.35:1			

#### Mechanical Specifications

##### Temperature

Operating Range	-55 to +100 deg C
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##### Size

Length	0.69 in [17.53 mm]
Width/Dia.	0.312 in [7.92 mm]
Weight	0.012 lbs [5.44 g]

##### Connector

Type	1.85mm Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-PRF-39012
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size	5/16 Inch
Torque	8 in-lbs [0.9 Nm]
Body Material and Plating	Passivated Stainless Steel

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	
REACH Compliant	12/17/2014

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1 Watt RF Load Up To 65 GHz With 1.85mm Male Input Passivated Stainless Steel PE6235](#)



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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

1 Watt RF Load Up To 65 GHz With 1.85mm Male Input Passivated Stainless Steel from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

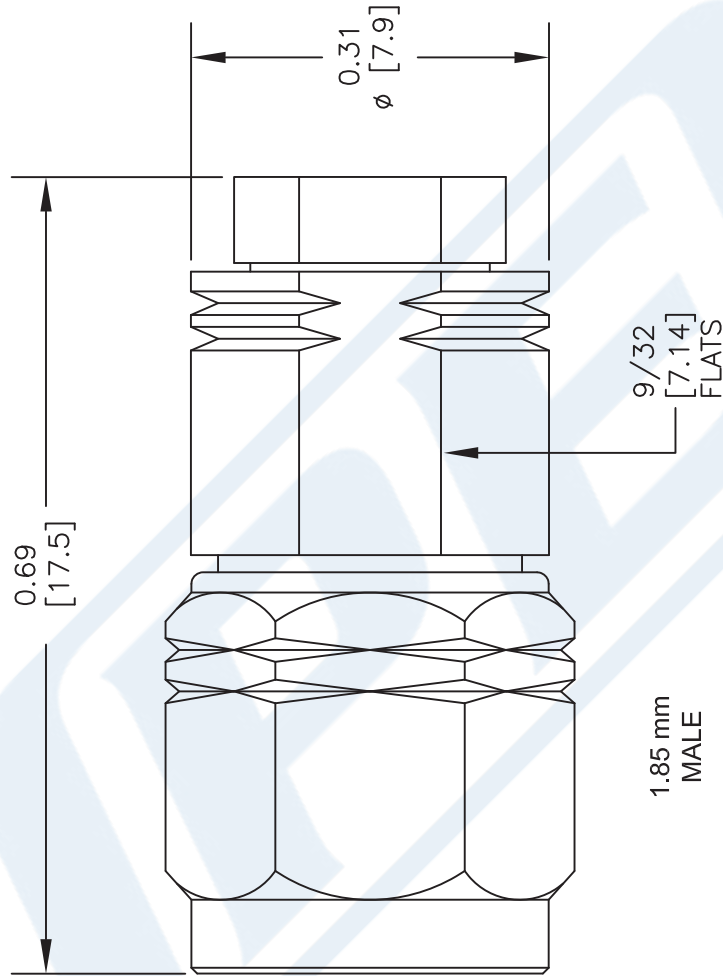
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1 Watt RF Load Up To 65 GHz With 1.85mm Male Input Passivated Stainless Steel PE6235](#)

URL: <http://www.pasternack.com/1-watts-1.85mm-male-rf-load-up-to-65-ghz-pe6235-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE6235 CAD Drawing

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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 [mm].

DWG TITLE

**PE6235**

FSCM NO. 53919

CAD FILE 111315

SCALE N/A

SIZE A

2233

**PE PASTERNAK®**  
 THE ENGINEER'S RF SOURCE

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