



## 50 Ohm 0.5 Watts Precision 2.92mm Female RF Load Up To 40 GHz

### TECHNICAL DATA SHEET

**PE6087**

#### 50 Ohm 0.5 Watt Precision Passivated Stainless Steel 2.92mm Female RF Load Up To 40 GHz

Pasternack Enterprises line of 2.92mm Terminations are available in 0.5 Watt, 1 Watt and 2 Watt versions and operate from DC to 40 GHz. Our 2.92mm Terminations are manufactured for durability with Passivated Stainless Steel bodies and Gold Plated BeCu (Beryllium Copper) contacts and are with a Chain or No Chain. Pasternack's Male and Female 2.92mm Terminations will mate with 2.92mm, 3.5mm and SMA connectors.

- DC to 40 GHz
- 0.5W, 1W and 2W versions
- Passivated Stainless Steel bodies
- Gold plated BeCu contacts
- Chain and No Chain options

#### Configuration

Design Type	RF Load
Connector	2.92mm Female
Connection Method	Standard
Connector Design	Precision
Body Style	Straight

#### Electrical Specifications

Frequency Range (GHz)	DC to 40
Impedance (Ohm)	50
VSWR, Max	1.20:1
Power, Max (Watt)	0.5

#### Frequency 1

Frequency (GHz)	DC to 40
VSWR	1.20:1
Power Handling (Watt)	0.5

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 0.5 Watt Precision Passivated Stainless Steel 2.92mm Female RF Load Up To 40 GHz PE6087](#)

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.

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#### Mechanical Specifications

Temperature Operating Range (deg C)	-45 to +85
Weight (Lbs)	0.013
Length (in)	.62
Width/Dia. (in)	0.313
Height (in)	0.313
Dielectric Type	Plastic Bead
Body Material and Plating	Stainless Steel, Passivated

#### Connector

Hex Size (inch)	<b>2.92mm Female</b> 5/16
Torque (In-Lbs)	8
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Stainless Steel, Passivated

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

#### Other Data

URL: <http://www.pasternack.com/0.5-watts-2.92mm-female-rf-load-up-to-40-ghz-precision-pe6087-p.aspx>

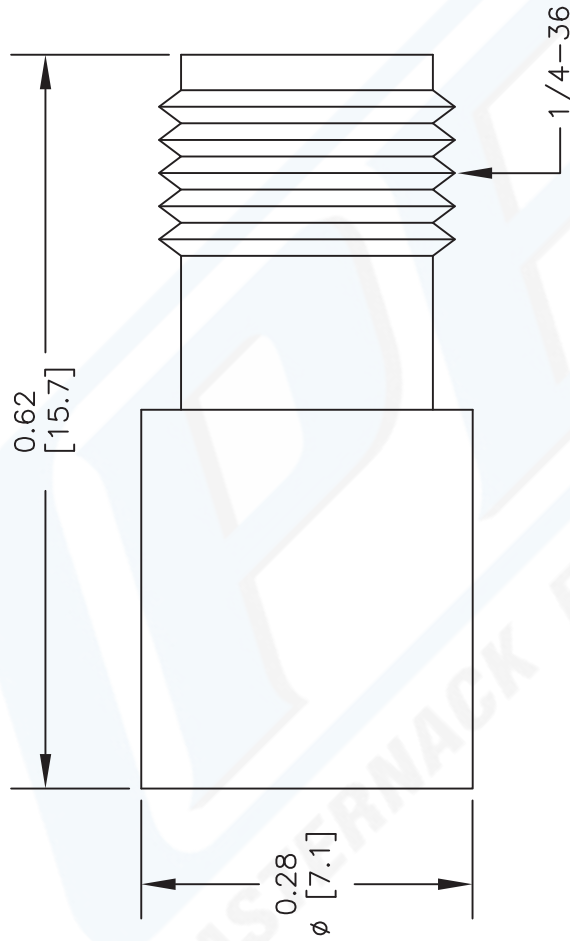
50 Ohm 0.5 Watt Precision Passivated Stainless Steel 2.92mm Female RF Load Up To 40 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 0.5 Watt Precision Passivated Stainless Steel 2.92mm Female RF Load Up To 40 GHz PE6087](http://www.pasternack.com/0.5-watts-2.92mm-female-rf-load-up-to-40-ghz-precision-pe6087-p.aspx)

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# PE6087 CAD Drawing

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DWG TITLE

**PE6087**

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].

FSCM NO. 53919

CAD FILE 121009-A

SCALE N/A

SIZE A

127



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