



## SMA Male Shorting Dust Cap

### Shorts and Caps Technical Data Sheet

PE6006

#### Features

- Protects against dust and contaminants
- Protects against physical damage
- Nickel Plated Body
- Internally Shorted

#### Applications

- General Purpose Laboratory Use
- Test and Measurement
- ESD Protection

#### Description

Pasternack's PE6006 connector dust cap has an SMA interface and a male gender. Our SMA male dust cap is a shorting design with a nickel plated body to ensure durability. The Pasternack shorting SMA connector cap is part of over 40,000 RF, microwave and millimeter wave products that ship the same day.

RF connector dust caps are essential for precision connectors, protecting them from dust, corrosion and potential damage especially to test and measurement equipment. Specific RF connector cap models come with a chain to prevent loss or misplacement. Internal short connector cap versions are available to protect equipment from a spike in current caused by electrostatic discharge (ESD).

#### Mechanical Specifications

##### Configuration

Connector	SMA Male Shorting
Connector Specification	MIL-STD-348A
Hex Size	5/16 inch
Torque	5 in-lbs [0.57 Nm]

Description	Material	Plating
Contact	Brass	Gold 30µ" min.
Insulation	Teflon	
Body	Brass	Nickel 100µ" min.
Gasket	Silicone	

##### Size

Length	0.335 in [8.51 mm]
Width	0.315 in [8.00 mm]
Weight	0.012 lbs [5.44 g]

#### Environmental Specifications

##### Temperature

Operating Range	-65 to +165 deg C
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Shorting Dust Cap PE6006](#)



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**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

SMA Male Shorting Dust Cap from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

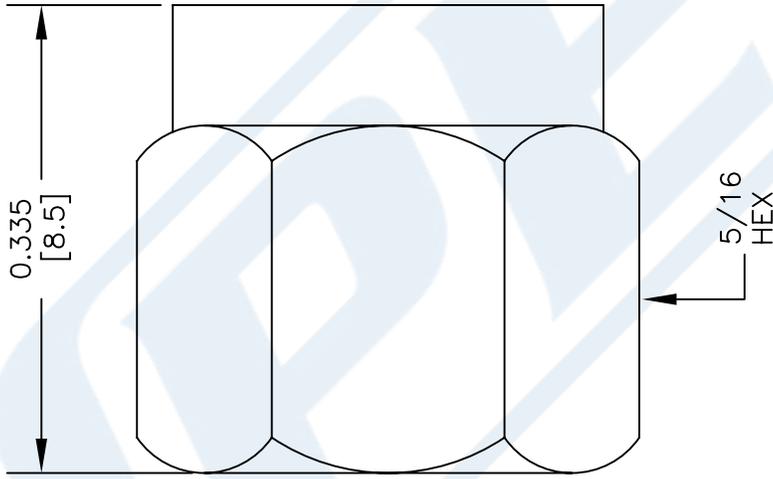
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Shorting Dust Cap PE6006](#)

URL: <https://www.pasternack.com/50-ohm-sma-male-short-cap-pe6006-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.

# PE6006 CAD Drawing

## SMA Male Shorting Dust Cap



SMA MALE

### STANDARD TOLERANCES

.X ±0.2  
 .XX ±0.1  
 .XXX ±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

DWG TITLE

**PE6006**

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 051716

SCALE N/A

SIZE A

3045



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