



RP-SMA Male Connector Crimp/Solder Attachment for RG178, RG196

RF Connectors Technical Data Sheet

PE45008

Configuration

- SMA Male Reverse Polarity Connector
- Straight Body Geometry
- Connector Interface Types: RG178, RG196
- 5/16 inch Hex

Features

- Gold Plated Copper Contact
- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE45008 RP SMA male connector with crimp/solder attachment for RG178 and RG196 is part of our full line of RF components available for same-day shipping. The male reverse polarity configuration uses a male connector body with a female inner contact receptacle.

Our reverse polarity SMA male connector PE45008 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Mechanical Specifications

Size

Length	0.645 in [16.38 mm]
Width/Dia.	0.177 in [4.50 mm]

Material Specifications

Description	Material	Plating
Contact	Copper	Gold
Insulation	PTFE	
Body	Brass	Gold
Coupling Nut	Brass	Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP-SMA Male Connector Crimp/Solder Attachment for RG178, RG196 PE45008](#)



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Environmental Specifications

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

Plotted and Other Data

Notes:

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Assembly Instruction

Assembly Instructions

STEP 1. MAIN BODY CONTACT PIN BARREL FERRULE
FRONT INSULATOR REAR INSULATOR HEX NUT

STEP 2.

STEP 3. CRIMP

STEP 4. SOLDER

STEP 5.

STEP 6.

STEP 1. All parts of the connector are shown.

STEP 2. Strip the cable inner conductor, dielectric, braid, and jacket as per "RECOMMENDED CABLE STRIPPING DIM'S" in catalog.

STEP 3. Slide the HEX NUT and FERRULE onto cable. Then insert the BARREL into braid and dielectric, and slide the FERRULE over braid and crimp it as shown.

STEP 4. Slide the REAR INSULATOR against the BARREL. Then insert inner conductor into the CONTACT PIN and solder it as shown.

STEP 5. Slide the FRONT INSULATOR against the REAR INSULATOR.

STEP 6. Insert cable and parts into the MAIN BODY, then screw the HEX NUT until it is tight.

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RP-SMA Male Connector Crimp/Solder Attachment for RG178, RG196 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: [RP-SMA Male Connector Crimp/Solder Attachment for RG178, RG196 PE45008](https://www.pasternack.com/sma-male-reverse-polarity-rg178-rg196-connector-pe45008-p.aspx)

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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.

PE45008 CAD Drawing

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