

SMA Female Connector Crimp Attachment for LMR240, RG8X, PE-C240, TCOM-240-FR, LMR-240-UF, LMR-240-DB, TCOM-240, LMR-240-FR, LMR-LW240



PE5131

Configuration

- SMA Female Connector
- 50 Ohms
- Connector Interface Types: LMR240, RG8X, PE-C240, TCOM-240-FR, LMR-240-UF, LMR-240-DB, TCOM-240, LMR-240-FR, LMR-LW240

Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE5131, SMA, Connector is part of our full line of RF components available for same-day shipping. Our SMA female connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1.

Our SMA female connector PE5131 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.25:1	
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.98 in [24.89 mm]
Width	0.35 in [8.89 mm]
Height	0.32 in [8.13 mm]
Weight	0.0097 lbs [4.4 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Brass	Tri-metal
Crimp Sleeve	Brass	Tri-metal

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Environmental Specifications

Temperature

Operating Range

-40 to +155 deg C

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

Plotted and Other Data

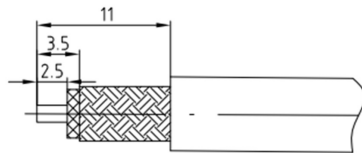
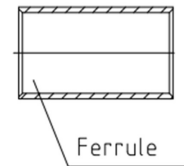
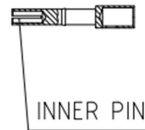
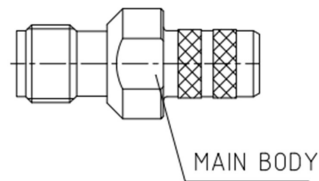
Notes:

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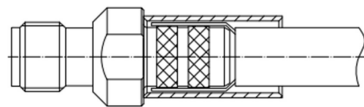
Assembly Instruction



- 1.A. Stripping dimension is as shown by diagram, attention should be paid while stripping.
- B. Remove residual burr.



- 2.A. Solder inner conduct.
- B. Remove residual burr.



- 3.Put the connector in place, Then push the ferrule.



- 4.A. Compression crimping sleeve
- B. Push the heat shrink tube, blow it with heat gun.

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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 Female Connector Crimp Attachment for LMR240, RG8X, PE-C240, TCOM-240-FR, LMR-240-UF, LMR-240-DB, TCOM-240, LMR-240-FR, LMR-LW240 PE5131](https://www.pasternack.com/sma-female-lmr240-rg8x-fr-lmr-240-uf-connector-pe5131-p.aspx)

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The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE5131 CAD Drawing

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