



QMA Male Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188

RF Connectors Technical Data Sheet

PE45284

Configuration

- QMA Male Connector
- 50 Ohms
- Right Angle Body Geometry
- RG174, RG316, RG188 Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.35:1
- Gold Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE45284 QMA male right angle connector with crimp/solder attachment for RG174, RG316 and RG188 is part of our full line of RF components available for same-day shipping. Our QMA male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.35:1. Its right angle body geometry allows for easier connections in tight spaces.

Our QMA male right angle connector PE45284 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			1.35:1	
Insertion Loss			0.12	dB
Operating Voltage (AC)			250	Vrms
Dielectric Withstanding Voltage (AC)			750	Vrms
Insulation Resistance	5,000			MOhms
RF Leakage	74			dB

Mechanical Specifications

Size

Length	0.77 in [19.56 mm]
Width/Dia.	0.413 in [10.49 mm]
Height	0.634 in [16.1 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QMA Male Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188 PE45284](#)



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Weight	0.076 lbs [34.47 g]
Mating Cycles	100 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Nickel

Environmental Specifications

Temperature

Operating Range	-40 to +105 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

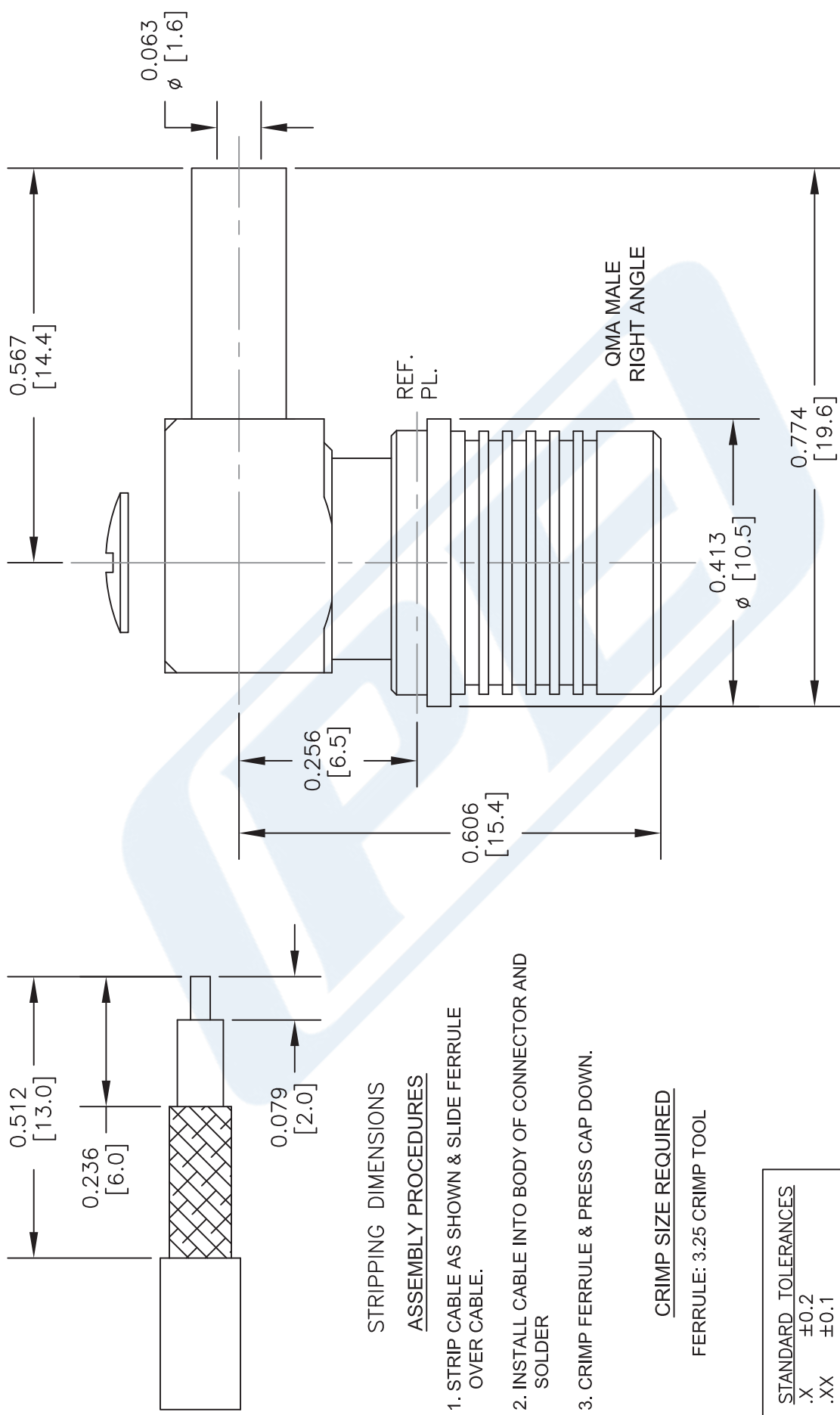
Notes:

QMA Male Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188 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: [QMA Male Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188 PE45284](#)

URL: <https://www.pasternack.com/qma-male-rg174-rg316-rg188-connector-pe45284-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.



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOLDER
3. CRIMP FERRULE & PRESS CAP DOWN.

CRIMP SIZE REQUIRED

FERRULE: 3.25 CRIMP TOOL

STANDARD TOLERANCES

.X ±0.2
.XX ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE45284

FSCM NO. 53919

CAD FILE 082416

SCALE N/A

SIZE A

2233

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].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.