

**QMA Male Right Angle Connector Crimp/
Solder Attachment For RG316-DS**



TECHNICAL DATA SHEET

PE44505

QMA Male Right Angle Connector Crimp/Solder Attachment For RG316-DS

Configuration

Connector	QMA Male
Connector Interface Type	RG316-DS
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum Operating Voltage, Volts	350
Dielectric Withstanding Voltage, Vrms	750

Frequency 1

Frequency, GHz	DC to 3
VSWR	1.11:1
Return Loss, dB	26
Insertion Loss, dB	0.086

Frequency 2

Frequency, GHz	3 to 4
VSWR	1.13:1
Return Loss, dB	24
Insertion Loss, dB	0.1

Frequency 3

Frequency, GHz	4 to 6
VSWR	1.29:1
Return Loss, dB	18
Insertion Loss, dB	0.12

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +85
Storage Range, deg C	-40 to +85

Size

Length, in [mm]	0.63 [16]
Width/Dia., in [mm]	0.41 [10]
Height, in [mm]	0.71 [18.03]
Weight, lbs [g]	0.006 [2.72]

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 RG316-DS PE44505](#)

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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Connector

Type	QMA Male
Contact Material and Plating	Brass, Gold
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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QMA Male Right Angle Connector Crimp/Solder Attachment For RG316-DS 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.

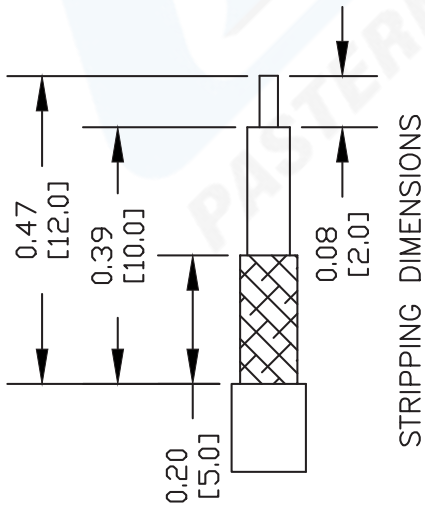
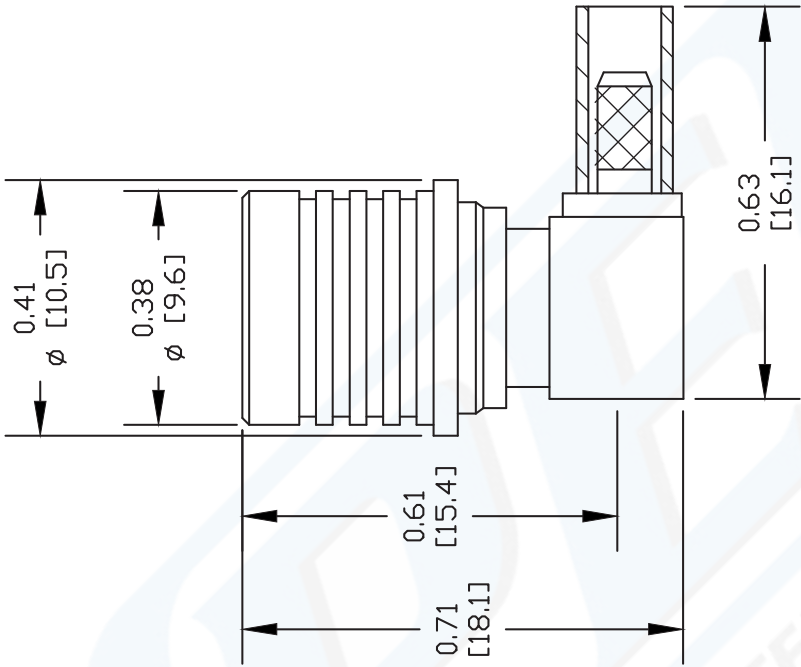
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PE44505 CAD Drawing

QMA Male Right Angle Connector Crimp/Solder Attachment For RG316-DS



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

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

CRIMP SIZE REQUIRED

FERRULE: 3.25 CRIMP TOOL



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DWG TITLE

PE44505

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.

REV. A

FSCM NO. 53919

CAD FILE 090711-A

SCALE N/A

SIZE A

2231