



RP MCX Plug Right Angle Connector Crimp/  
Solder Attachment For RG178, RG196

**TECHNICAL DATA SHEET**

**PE44372**

**RP MCX Plug Right Angle Connector Crimp/Solder Attachment For RG178, RG196**

**Configuration**

Connector	MCX Plug Reverse Polarity
Connector Specification	MIL-C-39012
Connector Interface Type	RG178, RG196
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle

**Electrical Specifications**

Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Maximum VSWR	1.31:1
Maximum Operating Voltage, Volts	250
Dielectric Withstanding Voltage, Vrms	750

**Frequency 1**

Frequency, MHz	DC to 1,000
VSWR	1.13:1
Insertion Loss, dB	0.2

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-65 to +165
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**Size**

Length, in [mm]	0.455 [11.56]
Width/Dia., in [mm]	0.24 [6.10]
Height, in [mm]	0.311 [7.9]
Weight, lbs [g]	0.004 [1.81]

**Connector**

Type	MCX Plug Reverse Polarity
Mating Cycles	500
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	30µ in minimum
Body Material and Plating	Brass, Gold
Body Plating Specification	10µ in minimum
Dielectric Type	Teflon

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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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: [RP MCX Plug Right Angle Connector Crimp/Solder Attachment For RG178, RG196 PE44372](#)

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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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

RP MCX Plug Right Angle Connector Crimp/Solder Attachment For RG178, RG196 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.

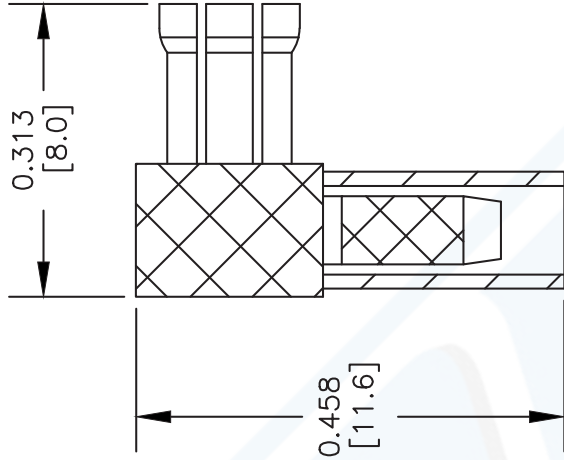
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP MCX Plug Right Angle Connector Crimp/Solder Attachment For RG178, RG196 PE44372](http://www.pasternack.com/mcx-plug-right-angle-connector-crimp-solder-attachment-for-rg178-rg196-pe44372)

URL: <http://www.pasternack.com/mcx-plug-reverse-polarity-rg178-rg196-connector-pe44372-p.aspx>

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# PE44372 CAD Drawing

RP MCX Plug Right Angle Connector Crimp/Solder Attachment For RG178, RG196



## STRIPPING DIMENSIONS

## ASSEMBLY PROCEDURES

STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR. SLIDE FERRULE OVER CABLE.

INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.

CRIMP FERRULE INSERT PTFE & PRESS CAP DOWN.

## CRIMP SIZE REQUIRED

FERRULE: .100" HEX CRIMP TOOL



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DWG TITLE

**PE44372**

FSCM NO. 53919

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.

CAD FILE 061203

SCALE N/A

SIZE A

127