



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

TECHNICAL DATA SHEET

PE4554

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

Configuration

Connector	MCX Plug
Connector Specification	CECC 22220
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 Operating Voltage, Volts	170
Dielectric Withstanding Voltage, Vrms	500

Frequency 1

Frequency, MHz	DC to 1,000
VSWR	1.5:1

Frequency 2

Frequency, GHz	1 to 3
VSWR	1.63:1

Mechanical Specifications

Size

Length, in [mm]	0.54 [13.72]
Width/Dia., in [mm]	0.197 [5]
Height, in [mm]	0.339 [8.61]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	MCX Plug
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30µ in. minimum
Body Material and Plating	Beryllium Copper/Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

Compliance Certifications (visit 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: [MCX Plug Right Angle Connector Crimp/Solder Attachment For RG178, RG196 PE4554](#)

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

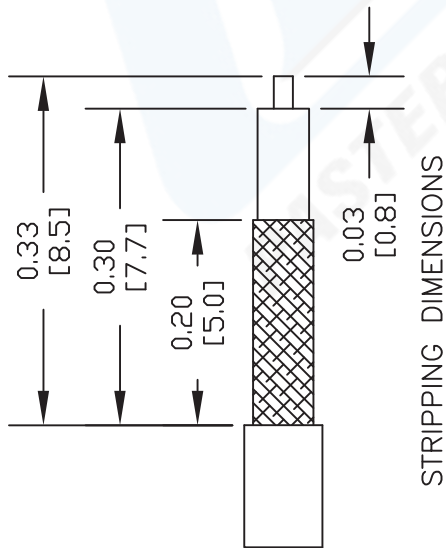
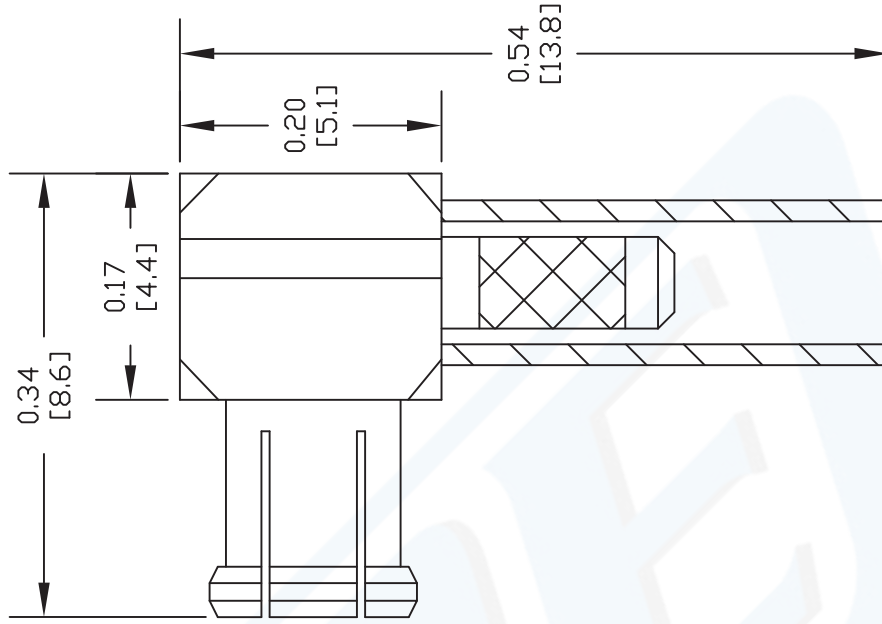
Notes:

Values at 25 °C, sea level

URL: <http://www.pasternack.com/mcx-plug-standard-rg178-rg196-connector-pe4554-p.aspx>

MCX Plug Right Angle Connector Crimp/Solder Attachment For RG178, RG196 from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

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STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

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

CRIMP SIZE REQUIRED

FERRULE: .100" HEX CRIMP TOOL



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DWG TITLE

PE4554

- 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 092011

SCALE N/A

SIZE A

2231