



MCX Jack Connector Crimp/Solder
Attachment For RG179, RG187

TECHNICAL DATA SHEET

PE44300

MCX Jack Connector Crimp/Solder Attachment For RG179, RG187

Configuration

Connector	MCX Jack
Connector Specification	MIL-C-39012
Connector Interface Type	RG179, RG187
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 6
Impedance, Ohms	75
Maximum VSWR	1.37:1
Maximum Operating Voltage, Volts	335
Dielectric Withstanding Voltage, Vrms	1,000

Frequency 1

Frequency, MHz	DC to 1,000
VSWR	1.17:1
Insertion Loss, dB	0.1

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	0.837 [21.26]
Width/Dia., in [mm]	0.234 [5.94]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	MCX Jack
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

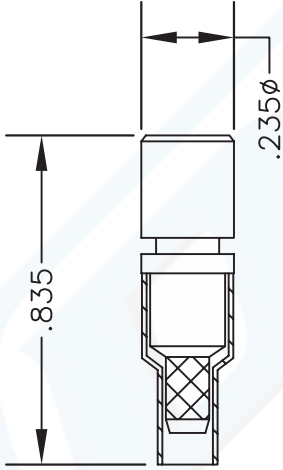
Compliance Certifications (visit www.Pasternack.com for current document)

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 Jack Connector Crimp/Solder Attachment For RG179, RG187 PE44300](#)

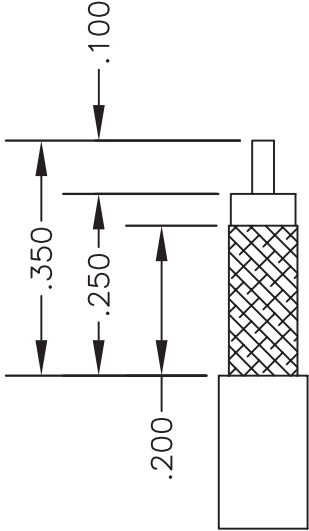
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

MATERIALS	
BODY	BRASS GOLD PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE



ASSEMBLY PROCEDURES

1. SLIDE FERRULE ONTO CABLE AS SHOWN & TIN CENTER CONDUCTOR.
2. INSERT DIELECTRIC AND CENTER CONDUCTOR INTO BODY. SOLDER CENTER CONDUCTOR TO CONTACT THROUGH HOLE IN BODY. REMOVE EXCESS SOLDER. SLIDE FERRULE FORWARD & CRIMP.



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL



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COAXIAL & FIBER OPTICS

DWG TITLE		DES.	
PE44300		"75 OHM MCX" JACK, CRIMP ATTACHMENT FOR RG179 & RG187	
SIZE A	FSCM NO. 53919	CAD FILE	SCALE N/A
		010603	127

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.