



75 Ohm MCX Jack Bulkhead Connector Crimp/Solder
Attachment For RG179, RG187, .177 inch D Hole

TECHNICAL DATA SHEET

PE44301

Configuration

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

Electrical Specifications

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

Mechanical Specifications

Temperature	
Operating Range	-65 to +165 deg C

Size	
Length	0.837 in [21.26 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.006 lbs [2.72 g]

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	30µ in minimum
Dielectric Type	PTFE

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

Not RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm MCX Jack Bulkhead Connector Crimp/Solder Attachment For RG179, RG187, .177 inch D Hole PE44301](#)

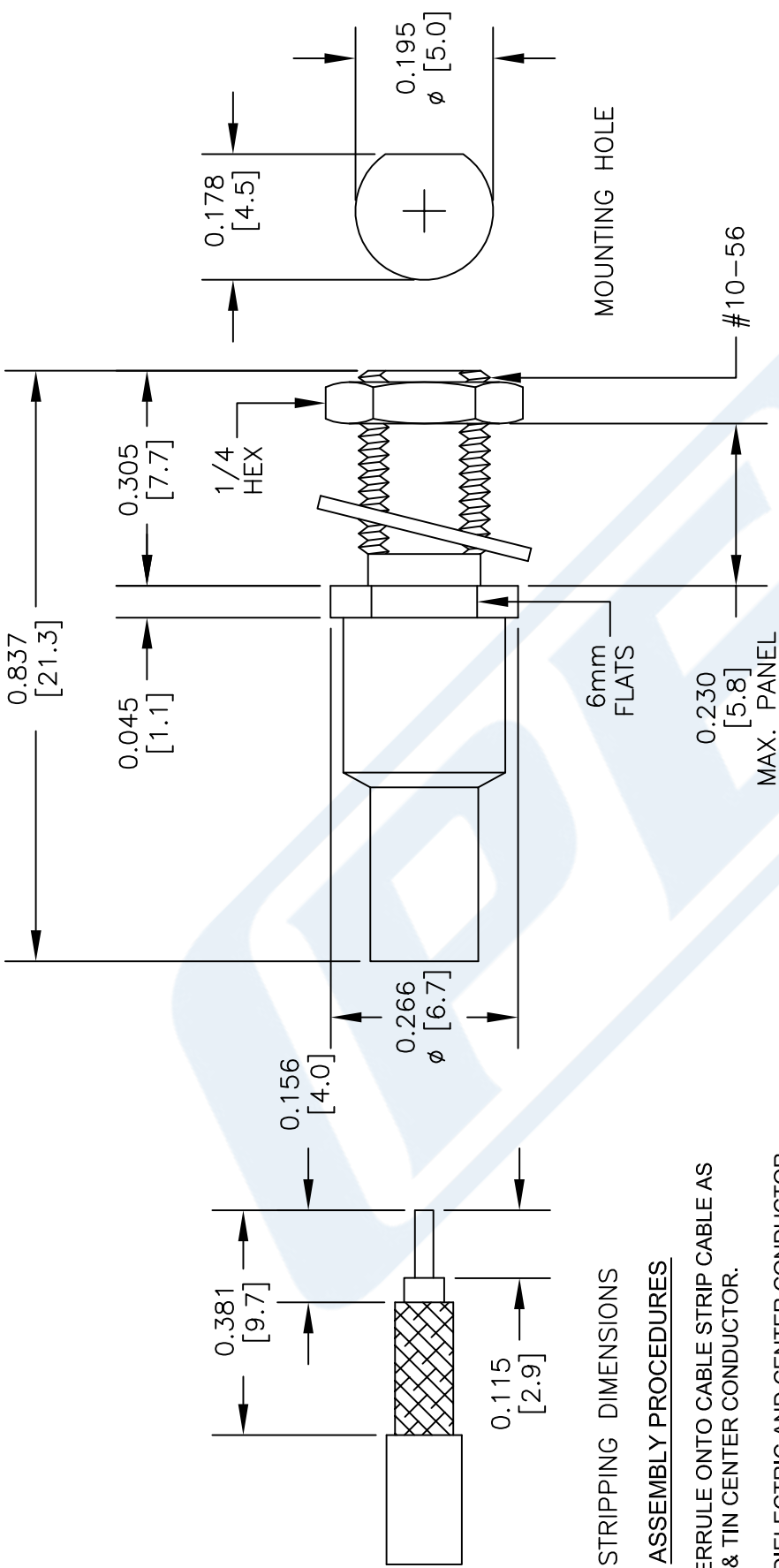
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Notes:

PE44301 CAD Drawing

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STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

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

INSERT DIELECTRIC AND CENTER CONDUCTOR INTO BODY. SOLDER CENTER CONDUCTOR THROUGH CENTER CONDUCTOR THROUGH HOLE IN BODY. REMOVE EXCESS SOLDER. SLIDE FERRULE FORWARD & CRIMP.

CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL



Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE
PE44301

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].

CAD FILE 111714 SCALE N/A SIZE A 150