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THE ENGINEER'S RF SOURCE

MMCX Jack Connector Crimp/Solder Attachment For RG316-DS, RG188-DS



RF Connectors Technical Data Sheet PE44852

Configuration

- MMCX Jack Connector
- 50 Ohms
- Straight Body Geometry
- RG316-DS, RG188-DS Interface Type
- Crimp/Solder Attachment

Features

- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44852 MMCX jack connector with crimp/solder attachment for RG316-DS and RG188-DS is part of our full line of RF components available for same-day shipping.

Our MMCX jack connector PE44852 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Mechanical Specifications

Size

Length	1 in [25.4 mm]
Width/Dia.	0.157 in [3.99 mm]
Weight	0.006 lbs [2.72 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Brass	Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MMCX Jack Connector Crimp/Solder Attachment For RG316-DS, RG188-DS PE44852

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MMCX Jack Connector Crimp/Solder Attachment For RG316-DS, RG188-DS

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

MMCX Jack Connector Crimp/Solder Attachment For RG316-DS, RG188-DS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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: MMCX Jack Connector Crimp/Solder Attachment For RG316-DS, RG188-DS PE44852

URL: https://www.pasternack.com/mmcx-jack-standard-rg316-ds-rg188-ds-connector-pe44852-p.aspx

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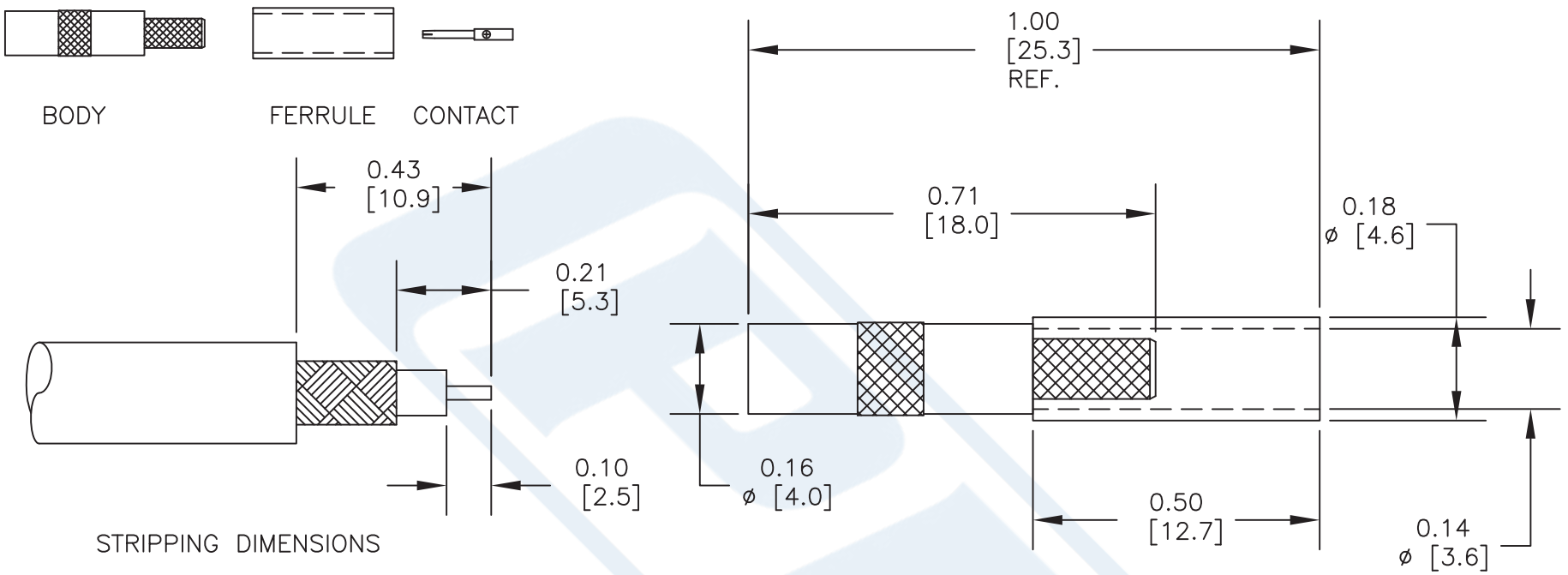
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PE44852 CAD Drawing

MMCX Jack Connector Crimp/Solder Attachment For RG316-DS, RG188-DS



CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: 0.151" HEX CRIMP TOOL

STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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DWG TITLE

PE44852

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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].

CAGE CODE 53919	CAD FILE 011017	SCALE N/A	SIZE A	2233

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Reverse Polarity TNC Male Connector Crimp/ Solder Attachment for RG188-DS, RG316-DS

RF Connectors
Technical Data Sheet

PE45180

Configuration

- TNC Male Reverse Polarity Connector
- Mil-C-39012
- 50 Ohms
- Straight Body Geometry
- RG188-DS, RG316-DS Interface Type
- Crimp/Solder Attachment

Features

- Gold Plated Brass Contact
- 3µ in. minimum contact plating
- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE45180 RP TNC male connector with crimp/solder attachment for RG188-DS and RG316-DS is part of our full line of RF components available for same-day shipping. The male reverse polarity configuration uses a male connector body with a female inner contact receptacle.

Our reverse polarity TNC male connector PE45180 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Mechanical Specifications

Size

Length	1.23 in [31.24 mm]
Width/Dia.	0.59 in [14.99 mm]
Weight	0.034 lbs [15.42 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 3µ in. minimum
Insulation	Teflon	
Body	Brass	Nickel 70µ in. minimum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Reverse Polarity TNC Male Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45180

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Reverse Polarity TNC Male Connector Crimp/ Solder Attachment for RG188-DS, RG316-DS

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Reverse Polarity TNC Male Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45180

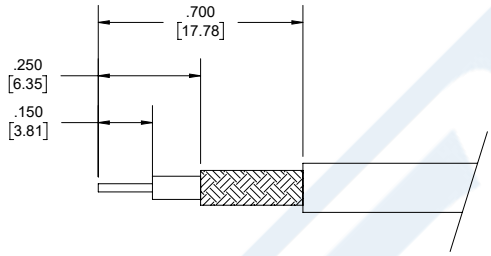
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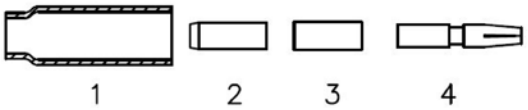
Reverse Polarity TNC Male Connector Crimp/ Solder Attachment for RG188-DS, RG316-DS

Assembly Instruction



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES



1. **STRIP CABLE AS SHOWN & SLIDE FERRULE (1) ONTO CABLE.**
2. **FLARE END OF CABLE BRAID & SLIDE METAL SPACER (2) & PTFE (3) SPACER OVER CABLE DIELECTRIC.**
3. **THE CONTACT (4) SHOULD BUTT AGAINST THE DIELECTRIC & PTFE SPACER. CRIMP CONTACT TO CABLE CENTER CONDUCTOR.**
4. **INSTALL CABLE ASSEMBLY INTO BODY SO THAT THE INNER FERRULE PORTION OF BODY SLIDES UNDER BRAID. PUSH CABLE ASSEMBLY FORWARD UNTIL CONTACT SNAPS INTO PLACE. SLIDE FERRULE OVER BRAID AND UP AGAINST CONNECTOR BODY & CRIMP.**

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Reverse Polarity TNC Male Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45180

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Reverse Polarity TNC Male Connector Crimp/ Solder Attachment for RG188-DS, RG316-DS

RF Connectors
Technical Data Sheet

PE45180

Reverse Polarity TNC Male Connector Crimp/Solder Attachment for RG188-DS, RG316-DS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: Reverse Polarity TNC Male Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45180

URL: https://www.pasternack.com/tnc-male-reverse-polarity-rg188-ds-rg316-ds-connector-pe45180-p.aspx

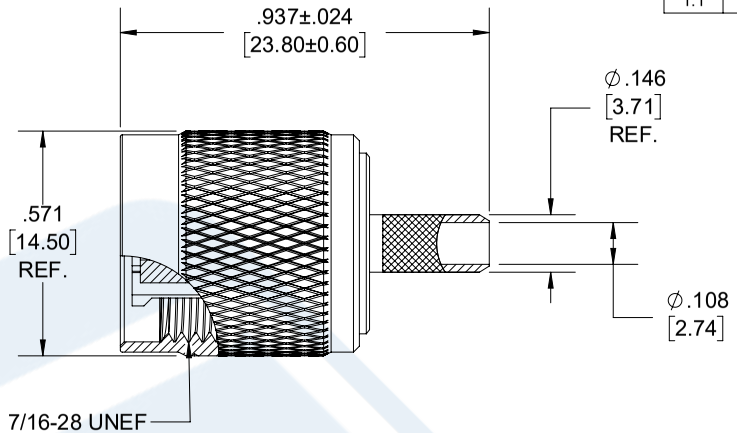
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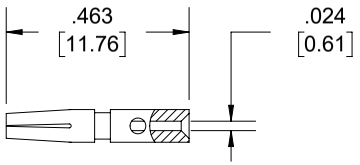
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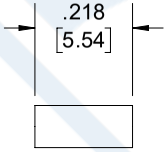
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.1	PCR PE45180 20190530	06/21/19	SELLIS

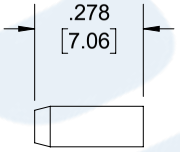




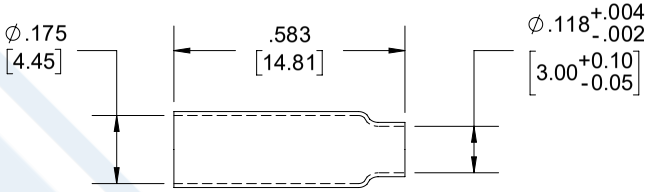
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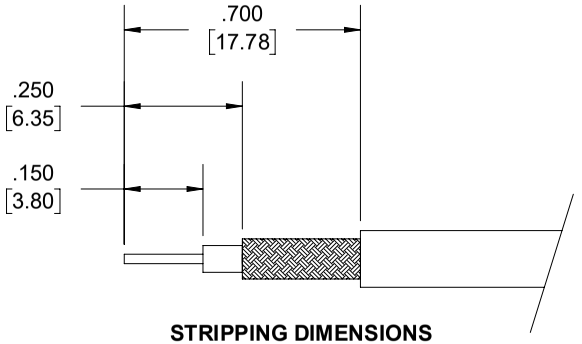
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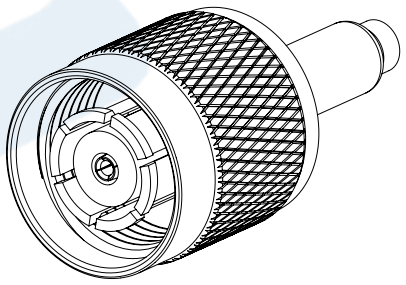
METAL SPACER



FERRULE



STRIPPING DIMENSIONS



NOTES:

1. CABLE ATTACHMENT:
   - OUTER: CRIMP.
   - INNER: SOLDER/CRIMP.
2. CRIMP SIZE REQUIRED:
   - FERRULE: .178 [4.52] HEX. CRIMP TOOL.
   - CONTACT: .068 [1.73] HEX. CRIMP TOOL

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LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X=± .2	[5.08]	FRACTIONS
.XX=± .01	[.25]	± 1/32
.XXX=± .005	[.13]	ANGLES ± 1°

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 2

SCALE N/A

SIZE	CAGE	DRAWN BY	PART NUMBER	REV
A	53919	KDANG	PE45180	1.1

PE45180 CAD Drawing

Reverse Polarity TNC Male Connector Crimp/Solder Attachment for RG188-DS, RG316-DS

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Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket

RF Cables Technical Data Sheet RG188-DS

Configuration

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		10	GHz
Impedance		50		Ohms
Dielectric Withstanding Voltage (AC)			2,000	Vrms
Nominal Capacitance		32 [104.99]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5	10	GHz
Attenuation, Typ	3.8	11.5	30	79	133	dB/100ft
	12.47	37.73	98.43	259.19	436.35	dB/100m
Input Power (CW), Max	1,250	450	160	57		Watts

Mechanical Specifications

Diameter	0.118 in [3 mm]
Weight	0.016 lbs/ft [0.02 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 7 Strands	0.02 in [0.51 mm]
Conductor Type	Stranded	
Dielectric	PTFE	0.06 in [1.52 mm]
First Shield	Silver Plated Copper Braid 90% coverage	0.078 in [1.98 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket RG188-DS

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Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket

Second Shield	Silver Plated Copper Braid 90% coverage	0.096 in [2.44 mm]
Jacket	PTFE, White	0.118 in [3 mm]

Environmental Specifications

Temperature

Operating Range	-55 to +200 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket RG188-DS

URL: https://www.pasternack.com/flexible-0.122-rg188-ds-50-ohm-coax-cable-ptfe-jacket-rg188-ds-p.aspx

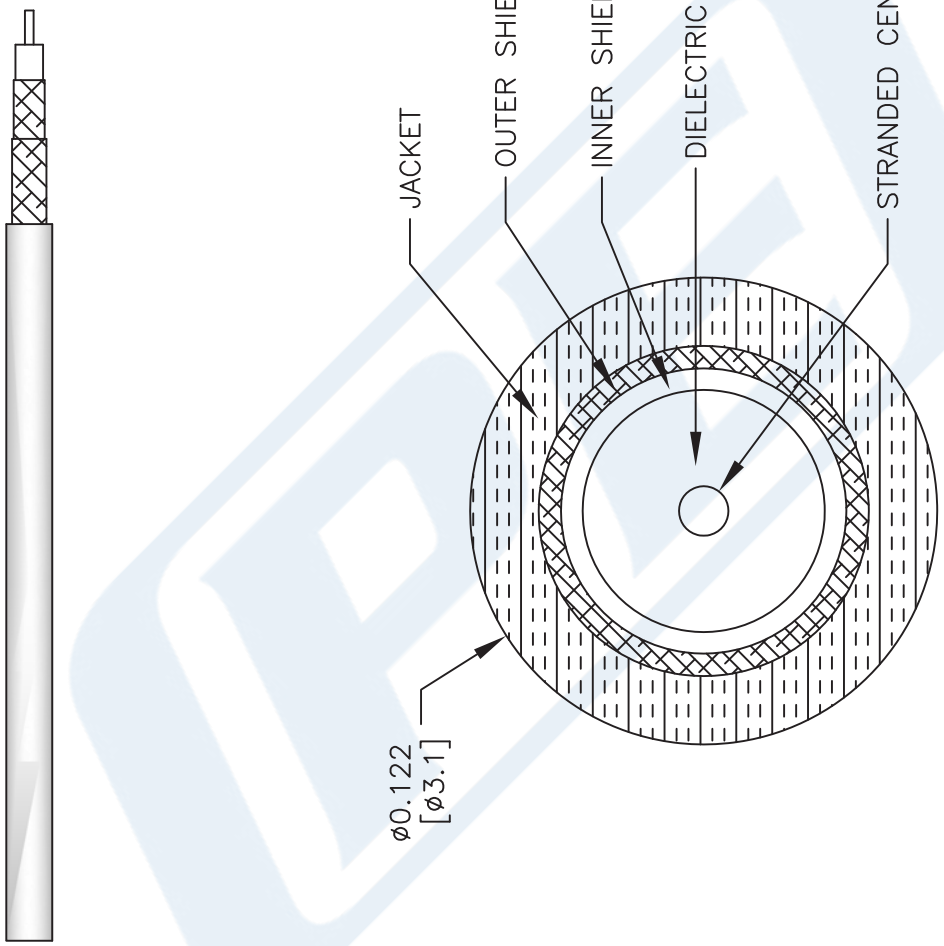
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RG188-DS CAD Drawing

Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket



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].

DWG TITLE: RG188-DS

CAGE CODE 53919 | CAD FILE 062817 | SCALE N/A | SIZE A | 2233

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