



## SSMB Jack Bulkhead Connector Crimp/Solder Attachment For RG316-DS, RG188-DS, .126 inch D Hole

### TECHNICAL DATA SHEET

**PE44842**

#### SSMB Jack Bulkhead Connector Crimp/Solder Attachment For RG316-DS, RG188-DS, .126 inch D Hole

##### Configuration

|                                          |                    |
|------------------------------------------|--------------------|
| Connector                                | SSMB Jack          |
| Connector Interface Type                 | RG316-DS, RG188-DS |
| Cable Attachment Method (Shield/Contact) | Crimp/Solder       |
| Body Style                               | Straight           |
| Mount Method                             | Bulkhead           |

##### Electrical Specifications

|                 |    |
|-----------------|----|
| Impedance, Ohms | 50 |
|-----------------|----|

##### Mechanical Specifications

###### Size

|                     |              |
|---------------------|--------------|
| Length, in [mm]     | 0.91 [23.11] |
| Width/Dia., in [mm] | 0.19 [4.83]  |
| Weight, lbs [g]     | 0.004 [1.81] |

###### Connector

|                              |             |
|------------------------------|-------------|
| Type                         | SSMB Jack   |
| Contact Material and Plating | Gold        |
| Body Material and Plating    | Brass, Gold |
| Dielectric Type              | PTFE        |

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

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

##### Plotted and Other Data

|        |                            |
|--------|----------------------------|
| Notes: | Values at 25 °C, sea level |
|--------|----------------------------|

SSMB Jack Bulkhead Connector Crimp/Solder Attachment For RG316-DS, RG188-DS, .126 inch D Hole 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.

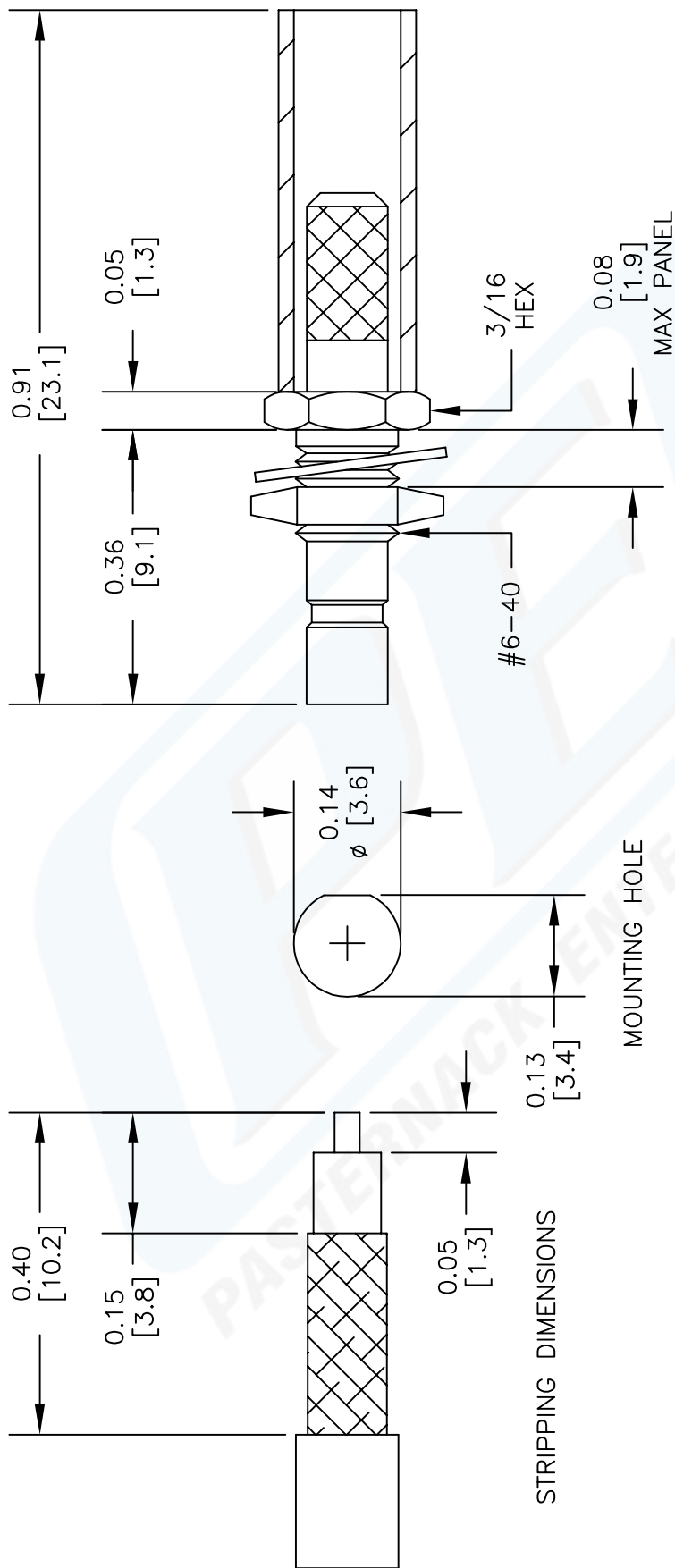
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMB Jack Bulkhead Connector Crimp/Solder Attachment For RG316-DS, RG188-DS, .126 inch D Hole PE44842](http://www.pasternack.com/ssmb-jack-standard-rg316-ds-rg188-ds-connector-pe44842-p.aspx)

URL: <http://www.pasternack.com/ssmb-jack-standard-rg316-ds-rg188-ds-connector-pe44842-p.aspx>

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PE44842 CAD Drawing

SSMB Jack Bulkhead Connector Crimp/Solder Attachment  
For RG316-DS, RG188-DS, .126 inch D Hole



CRIMP SIZE REQUIRED

CONTACT: SOLDER  
FERRULE: .138" 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](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE

PE44842

FSCM NO. 53919

CAD FILE 102313

SCALE N/A

SIZE A

150

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.



## MCX Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS

### RF Connectors Technical Data Sheet

**PE4885**

#### Configuration

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

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4885 MCX jack 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.

Our MCX jack connector PE4885 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

Weight 0.006 lbs [2.72 g]

#### Material Specifications

| Description | Material | Plating |
|-------------|----------|---------|
| Body        | Brass    | Nickel  |

#### 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: [MCX Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE4885](#)



## MCX Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS

### RF Connectors Technical Data Sheet

**PE4885**

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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 RG188-DS, RG316-DS PE4885](https://www.pasternack.com/mcx-jack-rg188-ds-rg316-ds-connector-pe4885-p.aspx)

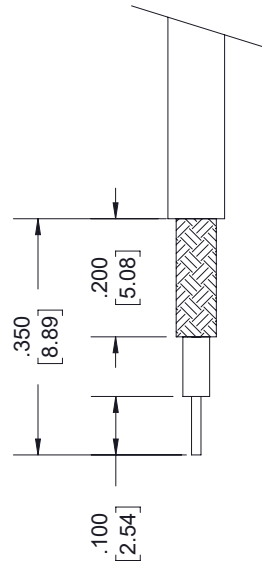
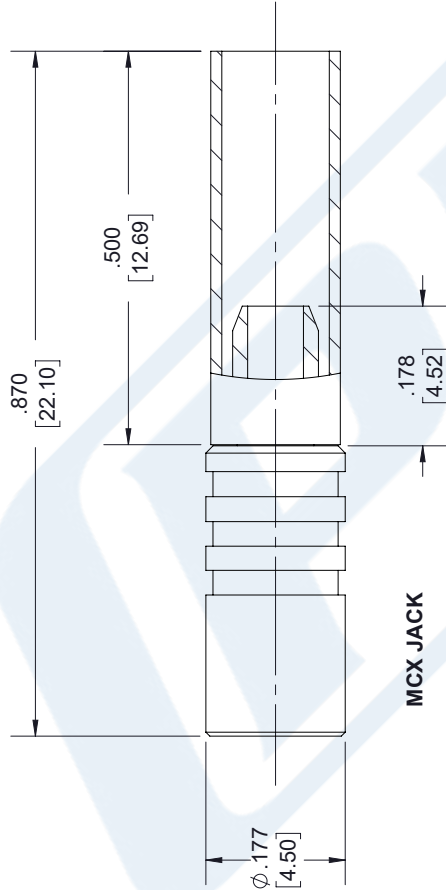
URL: <https://www.pasternack.com/mcx-jack-rg188-ds-rg316-ds-connector-pe4885-p.aspx>

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# PE4885 CAD Drawing

MCX Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS

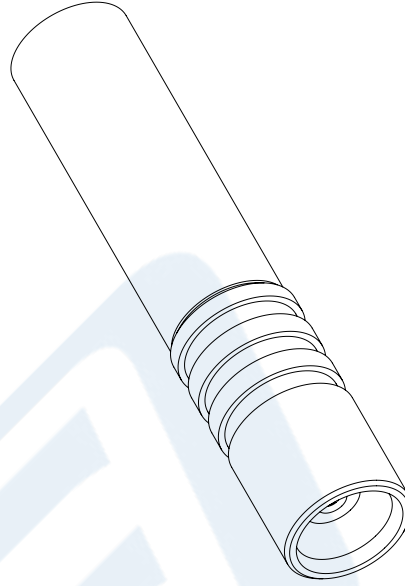
| REVISIONS |                     |          |           |
|-----------|---------------------|----------|-----------|
| REV.      | DESCRIPTION         | DATE     | APPROVED  |
| 1.1       | PCR PE4885 20190418 | 04/27/19 | J. GARCIA |



## STRIPPING DIMENSIONS

### NOTES:

- CABLE ATTACHMENT:
  - OUTER: CRIMP.
  - INNER: SOLDER.
- CRIMP SIZE REQUIRED:
  - FERRULE: .151 [3.84] HEX. CRIMP TOOL.
  - CONTACT: SOLDER.



|                                                                                                  |             |
|--------------------------------------------------------------------------------------------------|-------------|
| UNLESS OTHERWISE SPECIFIED<br>LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS |             |
| TOLERANCES:                                                                                      | FRACTIONS   |
| X±.2 [5.08]                                                                                      | ±.132       |
| XX±.01 [ .25]                                                                                    | ±.132       |
| XXX±.005 [ .13]                                                                                  | ANGLES ± 1° |
| ALL DIMENSIONS SHOWN<br>ARE FOR REFERENCE ONLY.                                                  |             |
| THIRD-ANGLE PROJECTION                                                                           |             |

|                                                                                                                                                                                         |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
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| Pasternack Enterprises, Inc.<br>P.O. Box 16759, Irvine, CA 92623.<br>Phone: 1.949.261.1920   1.866.727.8376<br>Fax: 1.949.261.7451<br>www.pasternack.com   e-mail: sales@pasternack.com |             |
| SIZE                                                                                                                                                                                    | PART NUMBER |
| A                                                                                                                                                                                       | 53919       |
| DRAWN BY                                                                                                                                                                                | K.DANG      |
| CAGE                                                                                                                                                                                    | PE4885      |
| REV                                                                                                                                                                                     | 1.1         |

|                                                                                                                        |        |
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| SHEET                                                                                                                  | 1 OF 1 |
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## Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket

### RF Cables Technical Data Sheet

**RG316-DS**

#### Configuration

- Flexible Cable
- 2 Shield(s)

#### Electrical Specifications

| Description                   | Minimum | Typical       | Maximum | Units        |
|-------------------------------|---------|---------------|---------|--------------|
| Frequency Range               | DC      |               | 3       | GHz          |
| Impedance                     |         | 50            |         | Ohms         |
| Velocity of Propagation       |         | 69.5          |         | %            |
| Shielding Effectiveness       | 85      |               |         | dB           |
| Operating Voltage (AC)        |         |               | 1,200   | Vrms         |
| Inner Conductor DC Resistance |         |               | 83.82   | Ohms/1000ft  |
| Outer Conductor DC Resistance |         |               | 5.33    | Ohms/1000ft  |
| Nominal Capacitance           |         | 28.96 [95.01] |         | pF/ft [pF/m] |
| Insulation Resistance         | 304.8   |               |         | MOhms/1000ft |

#### Performance by Frequency Band

| Description           | F1    | F2    | F3     | F4    | F5     | Units    |
|-----------------------|-------|-------|--------|-------|--------|----------|
| Frequency             | 0.1   | 0.4   | 1      | 2     | 3      | GHz      |
| Attenuation, Max      | 10.97 | 20.97 | 37.95  | 45.05 | 57.94  | dB/100ft |
|                       | 35.99 | 68.8  | 124.51 | 147.8 | 190.09 | dB/100m  |
| Attenuation, Typ      | 8.29  | 17.5  | 29     | 39.41 | 53.55  | dB/100ft |
|                       | 27.2  | 57.41 | 95.14  | 129.3 | 175.69 | dB/100m  |
| Input Power (CW), Max | 375   | 185   | 120    | 85    | 65     | Watts    |

#### Mechanical Specifications

|                                 |                          |
|---------------------------------|--------------------------|
| Diameter                        | 0.114 in [2.9 mm]        |
| Weight                          | 0.015 lbs/ft [0.02 Kg/m] |
| Min. Bend Radius (Installation) | 0.59 in [14.99 mm]       |
| Min. Bend Radius (Repeated)     | 1.57 in [39.88 mm]       |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket RG316-DS](#)

## Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket

### RF Cables Technical Data Sheet

**RG316-DS**

#### 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           |                   |
| Second Shield   | Silver Plated Copper Braid           | 0.094 in 2.39 mm  |
| Jacket          | FEP, Tan                             | 0.114 in [2.9 mm] |

#### Environmental Specifications

##### Temperature

Operating Range

-55 to +200 deg C

Storage Range

0 to +40 deg C

#### Compliance Certifications (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

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URL: <https://www.pasternack.com/flexible-0.114-rg316-ds-50-ohm-coax-cable-fep-jacket-rg316-ds-p.aspx>

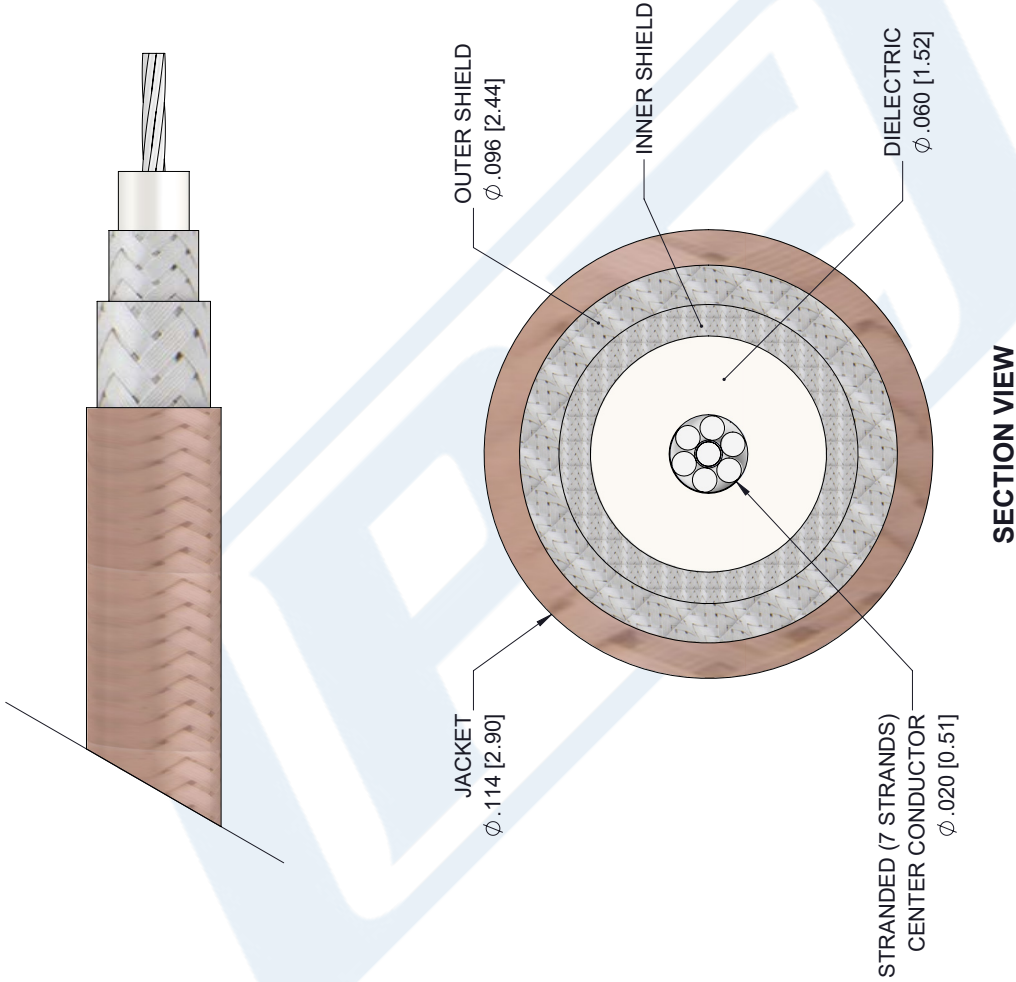
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RG316-DS CAD Drawing

Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket

| REVISIONS |                       |          |          |
|-----------|-----------------------|----------|----------|
| REV.      | DESCRIPTION           | DATE     | APPROVED |
| 1.1       | PCR RG316-DS 20190701 | 07/15/19 | S.ELLIS  |



|                                                                                                  |           |
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| THIRD-ANGLE PROJECTION                                                                           |           |
|                                                                                                  |           |

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| SIZE                                                                                                                                                                                    | CAGE     |
| A                                                                                                                                                                                       | 53919    |
| DRAWN BY                                                                                                                                                                                | K.Dang   |
| PART NUMBER                                                                                                                                                                             | RG316-DS |
| REV                                                                                                                                                                                     | A        |

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