

## SSMA Female Bulkhead Connector Crimp/Solder Attachment For RG188-DS, RG316-DS, .177 inch D Hole

SSMA female bulkhead connector with crimp/solder attachment for RG188-DS and RG316-DS (.177 inch D hole), part number FMCN1864, from Fairview Microwave is in-stock and ships same day. Fairview's FMCN1864 bulkhead SSMA connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's SSMA female bulkhead connector FMCN1864 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

### Mechanical Specifications

|             |                    |
|-------------|--------------------|
| <b>Size</b> |                    |
| Length      | 1.01 in [25.65 mm] |
| Width/Dia.  | 0.25 in [6.35 mm]  |
| Height      | 0.5 in [12.7 mm]   |
| Weight      | 0.006 lbs [2.72 g] |

### Material Specifications

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

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

### Plotted and Other Data

Notes:

SSMA Female Bulkhead Connector Crimp/Solder Attachment For RG188-DS, RG316-DS, .177 inch D Hole from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SSMA Female Bulkhead Connector Crimp/Solder Attachment For RG188-DS, RG316-DS, .177 inch D Hole FMCN1864](#)

URL: <https://www.fairviewmicrowave.com/ssma-female-rg188-ds-rg316-ds-connector-fmcn1864-p.aspx>

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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



### Configuration:

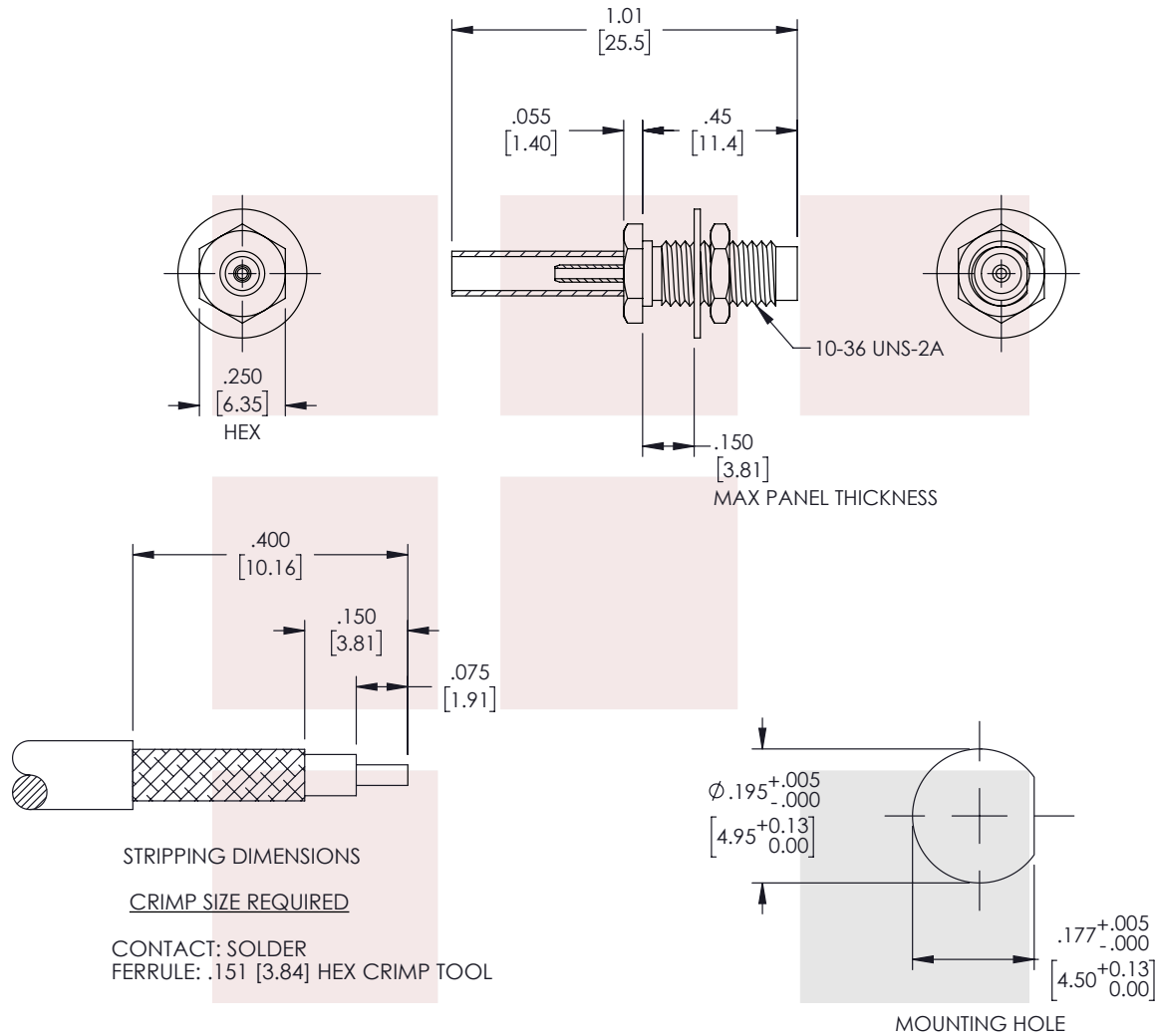
- SSMA Female Connector
- 50 Ohms
- Straight Body Geometry
- RG188-DS, RG316-DS Interface Type
- Crimp/Solder Attachment
- Bulkhead

### Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

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| REVISIONS |                 |            |          |
|-----------|-----------------|------------|----------|
| REV.      | DESCRIPTION     | DATE       | APPROVED |
| A         | INITIAL RELEASE | 02/21/2022 | AGANWANI |



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TITLE

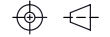
SSMA Female Bulkhead Connector Crimp/Solder Attachment For RG188-DS, RG316-DS, .177 inch D Hole

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

|                    |             |   |
|--------------------|-------------|---|
| .X = ±.2 [5.08]    | FRACTIONS   | L ≤ 12 [305] = +1 [25] / -0                 |
| .XX = ±.02 [.51]   | ± 1/32      | 12 [305] < L ≤ 60 [1524] = +2 [51] / -0     |
| .XXX = ±.005 [.13] | ANGLES ± 1° | 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0  |
|                    |             | 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 |
|                    |             | 300 [7620] < L = +5%L / -0                  |

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

|           |                    |                         |                      |          |
|-----------|--------------------|-------------------------|----------------------|----------|
| SIZE<br>A | CAGE CODE<br>3FKR5 | DRAWN BY<br>A.KRESOWSKI | ITEM NO.<br>FMCN1864 | REV<br>A |
|-----------|--------------------|-------------------------|----------------------|----------|

T-Rev.D