

7/16 DIN Female Bulkhead Mount Connector Crimp/ Solder Attachment for RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A

7/16 DIN female bulkhead connector with crimp/solder attachment for RG8X, .240 inch, LMR-240, LMR-240-DB, LMR-240-UF and B7808A, part number FMCN1834, from Fairview Microwave is in-stock and ships same day. Fairview's FMCN1834 bulkhead 7/16 DIN 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 7/16 DIN female bulkhead connector FMCN1834 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

Size	
Length	2.04 in [51.82 mm]
Width/Dia.	1.537 in [39.04 mm]
Height	0.5 in [12.7 mm]
Weight	0.296 lbs [134.26 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Silver
Insulation	PTFE	
Body	Brass	Tri-Metal

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

Plotted and Other Data

Notes:



Configuration:

- 7/16 DIN Female Connector
- 50 Ohms
- Straight Body Geometry
- RG8X, .240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A Interface Type
- Crimp/Solder Attachment
- Bulkhead

Features:

- Silver Plated Beryllium Copper Contact

Applications:

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

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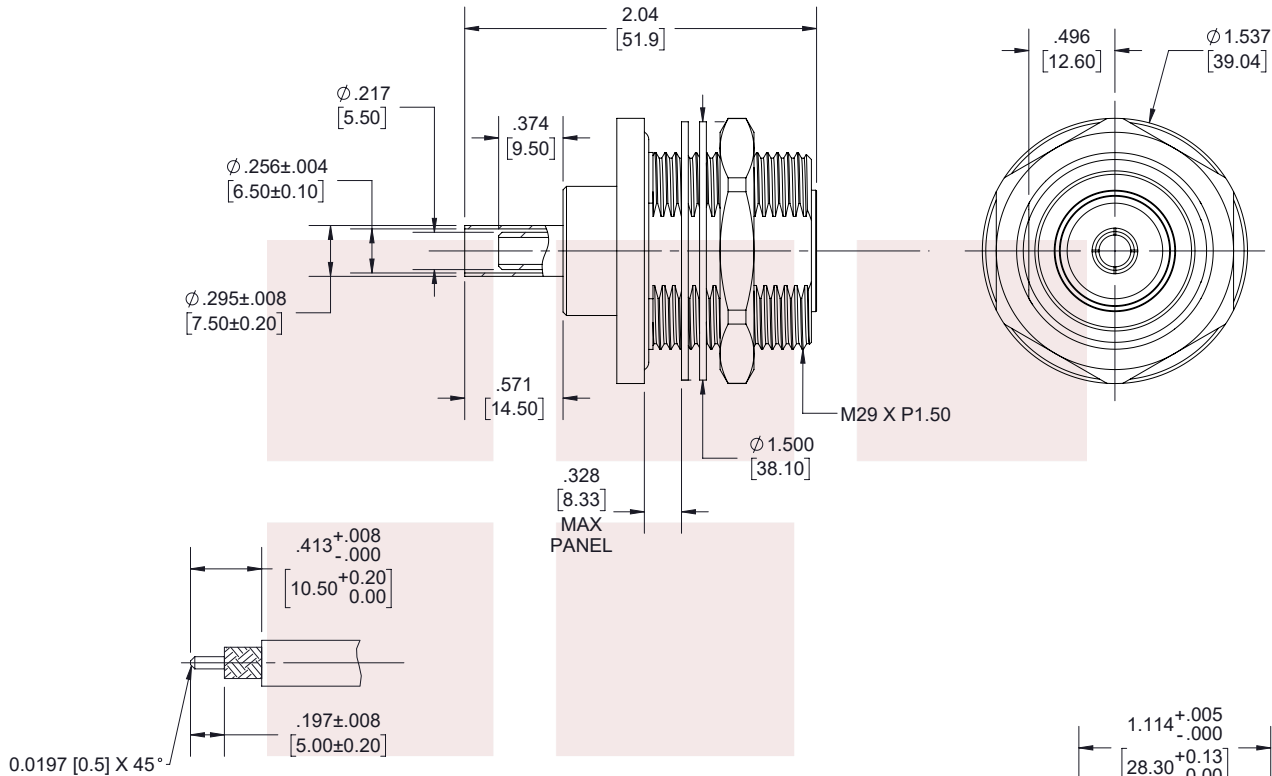
For additional information on this product, please click the following link: [7/16 DIN Female Bulkhead Mount Connector Crimp/Solder Attachment for RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A FMCN1834](#)

URL: <https://www.fairviewmicrowave.com/7-16-din-female-rg8x-.240-lmr-240-lmr-240-db-lmr-240-uf-b7808a-connector-fmcn1834-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.



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/11/2022	A.GANWANI



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES:

1. STRIP CABLE AS SHOWN & CHAMFER CENTER CONDUCTOR.
2. SLIDE FERRULE OVER CABLE AND FLARE CABLE BRAID. INSTALL CABLE INTO BODY OF CONNECTOR, PUSH UNTIL IT SEATS IN PLACE.
3. SLIDE FERRULE FORWARD AND BUTT AGAINST CONNECTOR SHOULDER, THEN CRIMP FERRULE.

CRIMP SIZE REQUIRED:

FERRULE: .255" [6.48] HEX. CRIMP TOOL.
CONTACT: .068" [1.73] PIN HEX. CRIMP SIZE OR PIN TO SOLDER.

MOUNTING HOLE

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TITLE

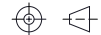
7/16 DIN Female Bulkhead Mount Connector Crimp/
Solder Attachment for RG8X, 0.240 inch, LMR-240,
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

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

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.GLEBOVA	ITEM NO. FMCN1834	REV A
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