

## N Female (Jack) Bulkhead Connector For LMR-240 Cable, Crimp/Solder

### Times Microwave Systems Connector Specification

Type N female bulkhead connector with crimp/solder attachment for LMR-240, LMR-240-DB, LMR-240-UF, RG8X and 0.240 inch, part number TC-240-NF-BH-X, from Fairview Microwave is in-stock and ships same day. This type N female connector operates up to a maximum frequency of 8 GHz and offers good VSWR of 1.3:1. Fairview's TC-240-NF-BH-X bulkhead type N 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 type N female bulkhead connector TC-240-NF-BH-X 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.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		8	GHz
VSWR			1.3:1	
Insertion Loss			0.28	dB
DWV (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

### Mechanical Specifications

Size	
Length	1.73 in [43.94 mm]
Width/Dia.	0.81 in [20.57 mm]
Weight	0.09 lbs [40.82 g]

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µinches
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal 80 µinches
Body	Brass	Tri-Metal

### Environmental Specifications

Temperature	
Operating Range	-65 to +165 deg C



### Configuration:

- N Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- LMR-240, LMR-240-DB, LMR-240-UF, RG8X, 0.240 inch Interface Type
- Crimp/Solder Attachment
- Bulkhead

### Features:

- Operating Frequency of 8 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- 50 µinches contact plating

### Applications:

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

Fairview Microwave  
 301 Leora Ln., Suite 100  
 Lewisville, TX 75056  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

Shock	MIL-STD 202G, Meth. 213, Cond. I
Vibration	MIL-STD 202G, Meth. 204, Cond. B
Thermal Shock	MIL-STD 202G, Meth. 107, Cond. B

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

### Plotted and Other Data

Notes:

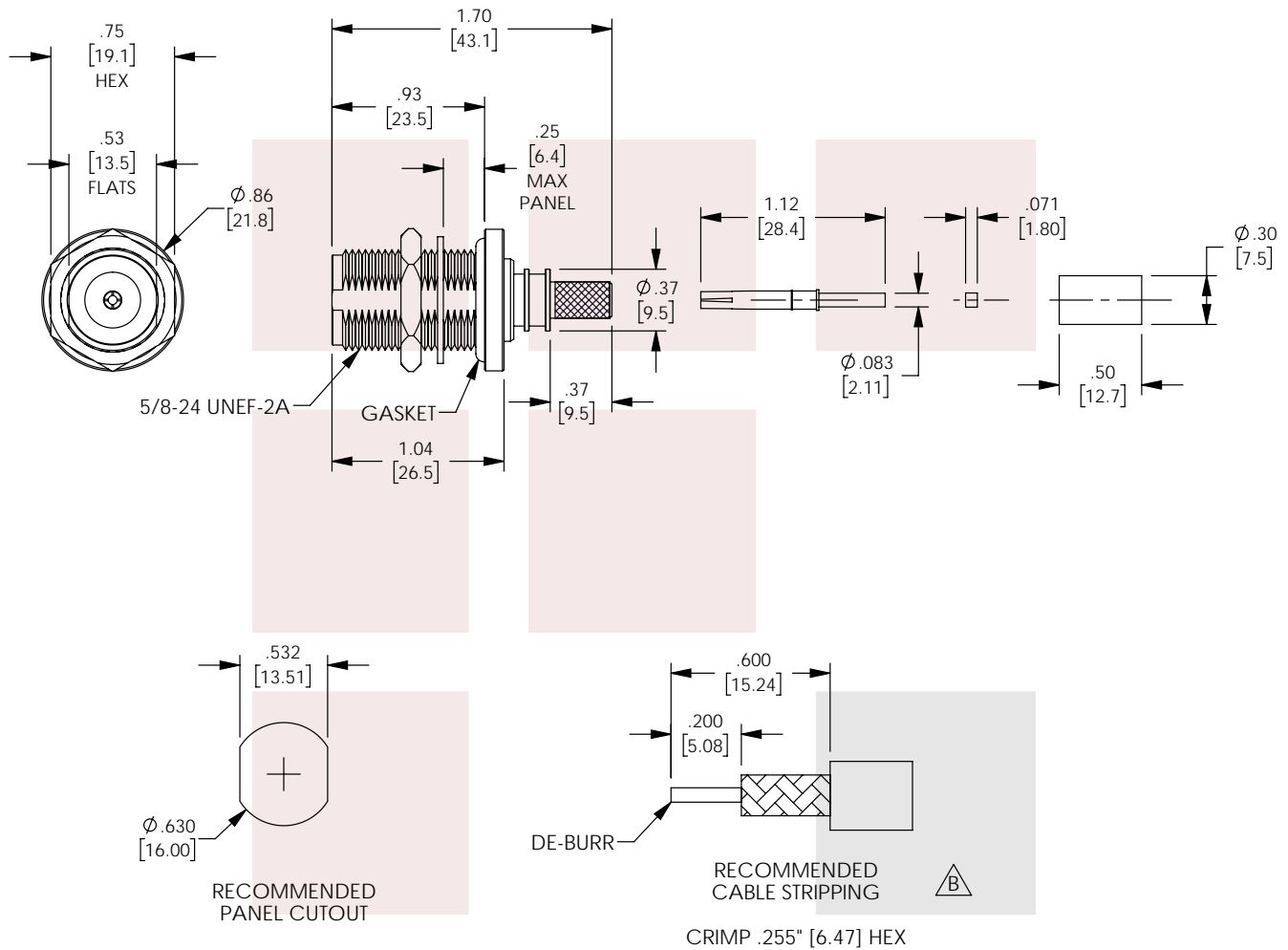
N Female (Jack) Bulkhead Connector For LMR-240 Cable, Crimp/Solder from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Female \(Jack\) Bulkhead Connector For LMR-240 Cable, Crimp/Solder TC-240-NF-BH-X](#)

URL: <https://www.fairviewmicrowave.com/n-female-lmr-240-connector-tc-240-nf-bh-x-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
B	INITIAL RELEASE	07/01/2021	SELLIS



THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

TITLE

N Female (Jack) Bulkhead Connector For LMR-240  
Cable, Crimp/Solder

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



THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.

SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY DFRISIELLO	ITEM NO. TC-240-NF-BH-X	REV B
-----------	--------------------	------------------------	----------------------------	----------

T-Rev.D