



N Female Bulkhead Mount Connector Crimp/ Solder Attachment for LMR-240, PE-C240

RF Connectors Technical Data Sheet



TC-240-NF-BH-X

Times Microwave Systems Connector Specification

Configuration

- N Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-240, PE-C240
- Bulkhead

Features

- Max. Operating Frequency 8 GHz
- 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

Description

Pasternack's TC-240-NF-BH-X type N female bulkhead connector with crimp/solder attachment for LMR-240 and PE-C240 is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 8 GHz and offers good VSWR of 1.3:1. This type N bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our type N female bulkhead connector TC-240-NF-BH-X 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		8	GHz
VSWR			1.3:1	
Insertion Loss			0.28	dB
Dielectric Withstanding Voltage (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	0.092 lbs [41.73 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Mount Connector Crimp/Solder Attachment for LMR-240, PE-C240 TC-240-NF-BH-X](#)



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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

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 Bulkhead Mount Connector Crimp/Solder Attachment for LMR-240, PE-C240 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.

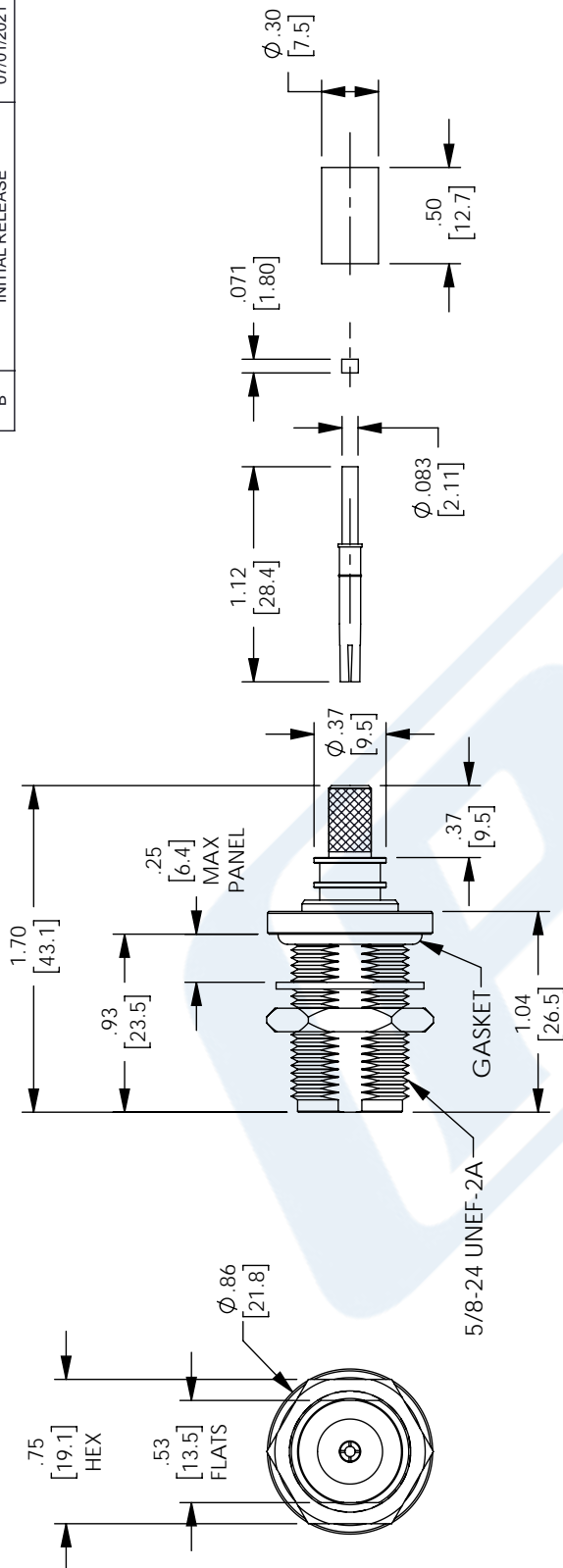
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URL: <https://www.pasternack.com/n-female-lmr-240-pe-c240-connector-tc-240-nf-bh-x-p.aspx>

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack 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



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

TOLERANCES:

INCHES	FRACTIONS	ANGLES
.X = ±.2	[.008]	±1/32
.XX = ±.02	[.51]	±1/32
.XXX = ±.005	[.13]	±1/32

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305]	±1 [25] / -0
12 [305] < L ≤ 60 [1524]	±2 [51] / -0
60 [1524] < L ≤ 120 [3048]	±4 [102] / -0
120 [3048] < L ≤ 300 [7620]	±6 [152] / -0
300 [7620] < L	±5% / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.



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SHEET 1 OF 1
SCALE N/A

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