

78 Ohm TRT Threaded NI Bulkhead Front Mount Jack 1553 Connector Solder/Solder TRT Threaded Plug

78 Ohm TRT Threaded Jack Bulkhead 1553 Bulkhead Connector Solder/Solder Attachment for TRT Threaded Plug Cable, part number FMCN10-09593, from Fairview Microwave is in-stock and ships same day. This TRT Threaded jack connector operates up to a maximum frequency of 500 MHz. Fairview's FMCN10-09593 bulkhead TRT Threaded 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. Bulkhead TRT Threaded Jack Feedthru Connectors are used to connect TRT Threaded Plug connectors through a panel. They are available in Isolated and Non-Isolated versions.

Fairview's 78 ohm TRT Threaded jack bulkhead connector FMCN10-09593 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 | | 500 | MHz |
| Insertion Loss | | 0.1 | | dB |

Mechanical Specifications

| | |
|-------------|--------------------|
| Size | |
| Length | 0.96 in [24.38 mm] |
| Width/Dia. | 0.91 in [23.11 mm] |
| Height | 0.6 in [15.24 mm] |
| Weight | 0.01 lbs [4.54 g] |

Material Specifications

| Description | Material | Plating |
|-----------------|------------------|------------------------------------|
| Contact | Beryllium Copper | Gold 30 micro inches ASTM-B-488 |
| Insulation | Teflon | |
| Outer Conductor | Phosphor Bronze | ASTM-B-488 |
| Body | Brass | Nickel ASTM-B-733 |
| Gasket | Rubber | |
| Crimp Sleeve | Brass | Nickel |



Configuration:

- TRT Threaded Jack Connector
- MIL-STD-1553
- 78 Ohms
- Straight Body Geometry
- TRT Threaded Plug Interface Type
- Solder/Solder Attachment
- Bulkhead
- 1553 Design

Features:

- Operating Frequency of 500 MHz Max.
- Gold 30 micro inches Plated Beryllium Copper Contact
- Contact plating according to ASTM-B-488
- Twinax Connectivity
- Bayonet Coupling
- Front Mount

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Robust Design
- Ease of Use
- Use in High Shock and Vibration Environment

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Environmental Specifications

Temperature

Operating Range -55 to +200 deg C

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

Plotted and Other Data

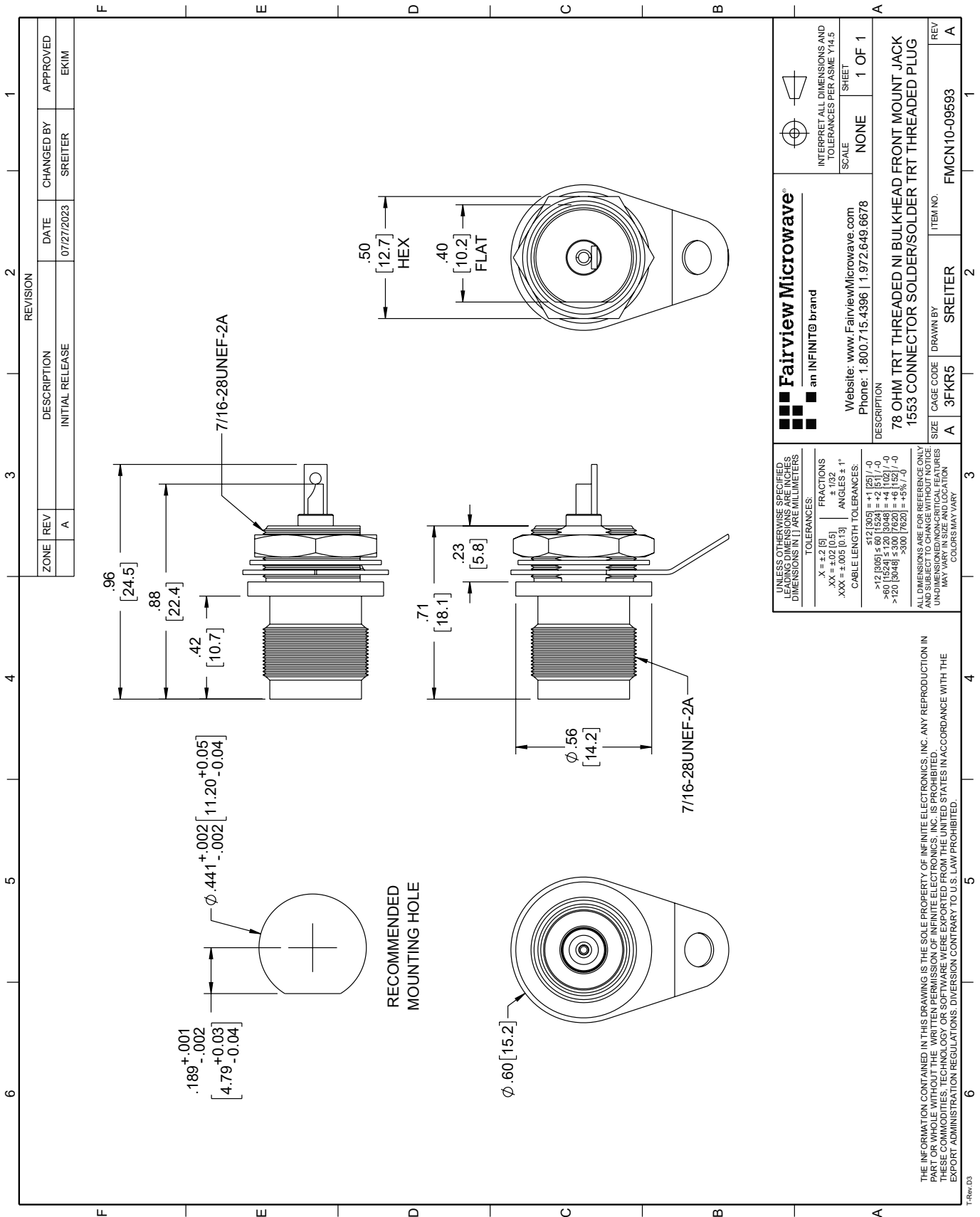
Notes:

78 Ohm TRT Threaded NI Bulkhead Front Mount Jack 1553 Connector Solder/Solder TRT Threaded Plug 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: [78 Ohm TRT Threaded NI Bulkhead Front Mount Jack 1553 Connector Solder/Solder TRT Threaded Plug FMCN10-09593](#)

URL: <https://www.fairviewmicrowave.com/trt-threaded-jack-trt-threaded-plug-connector-fmcn10-09593-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.



| ZONE | | REVISION | | DESCRIPTION | | DATE | | CHANGED BY | | APPROVED | |
|------|-----|----------|--|-----------------|--|------------|--|------------|--|----------|--|
| | REV | | | | | | | | | | |
| | A | | | INITIAL RELEASE | | 07/27/2023 | | SREITER | | EKIM | |

| | | | |
|---|-----------|---|--------------|
| <p>Fairview Microwave an INFINIT[®] brand</p> <p>Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678</p> | | <p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE: NONE</p> <p>SHEET: 1 OF 1</p> | |
| <p>DESCRIPTION</p> <p>78 OHM TRT THREADED NI BULKHEAD FRONT MOUNT JACK 1553 CONNECTOR SOLDER/SOLDER TRT THREADED PLUG</p> | | | |
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. |
| A | 3FKR5 | SREITER | FMCN10-09593 |

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

TOLERANCES:

X = ±.2 [5] FRACTIONS ±.132

.XX = ±.02 [0.5] ANGLES ± 1°

.XXX = ±.005 [0.13] CABLE LENGTH TOLERANCES:

≤12 [305] = +1 [25] / -0

>12 [305] ≤ 60 [1524] = +2 [51] / -0

>60 [1524] ≤ 120 [3048] = +3 [76] / -0

>120 [3048] ≤ 300 [7620] = +6 [152] / -0

>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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