

TRB Plug Full Crimp Connector for TRC-50-2 Cable

TRB Plug Standard Connector Crimp/Solder Attachment for TRC-50-2 and M17/134-00002 Cable, part number FMCN10-06031-310, from Fairview Microwave is in-stock and ships same day. This TRB plug connector operates up to a maximum frequency of 500 MHz.

Fairview's TRB plug connector FMCN10-06031-310 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
Operating Voltage (AC)			5,000	Vrms

Mechanical Specifications

Size	
Length	1.34 in [34.04 mm]
Width/Dia.	0.5 in [12.70 mm]
Height	0.5 in [12.7 mm]
Weight	0.05 lbs [22.68 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel
Washer	Brass	Nickel
Shrink Tubing	PVDF	

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:



Configuration:

- TRB Plug Connector
- Straight Body Geometry
- TRC-50-2, M17/134-00002 Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 500 MHz Max.
- Gold Plated Beryllium Copper Contact

Applications:

- General Purpose Test

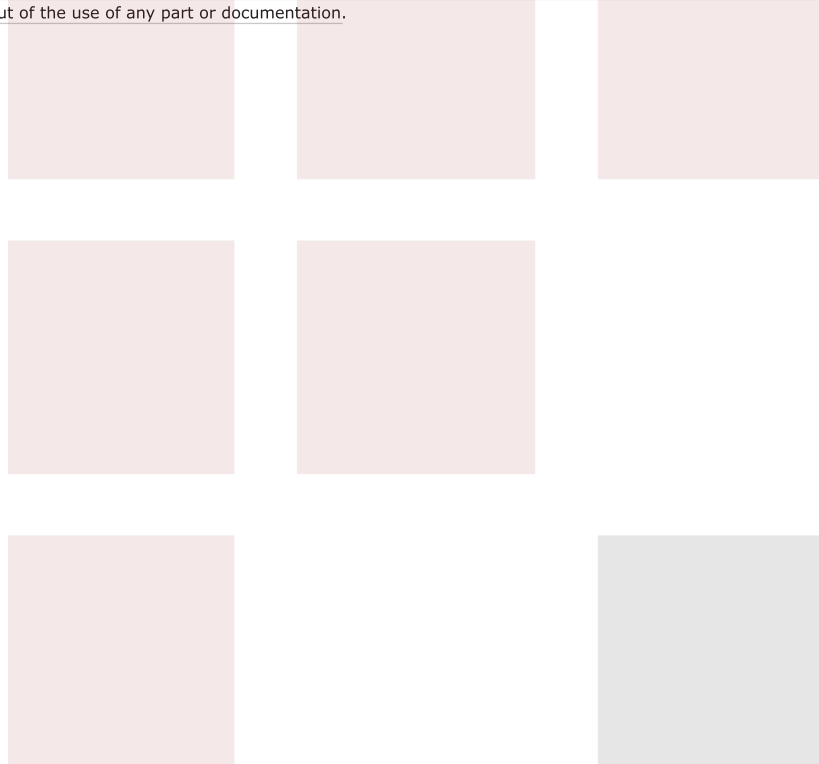
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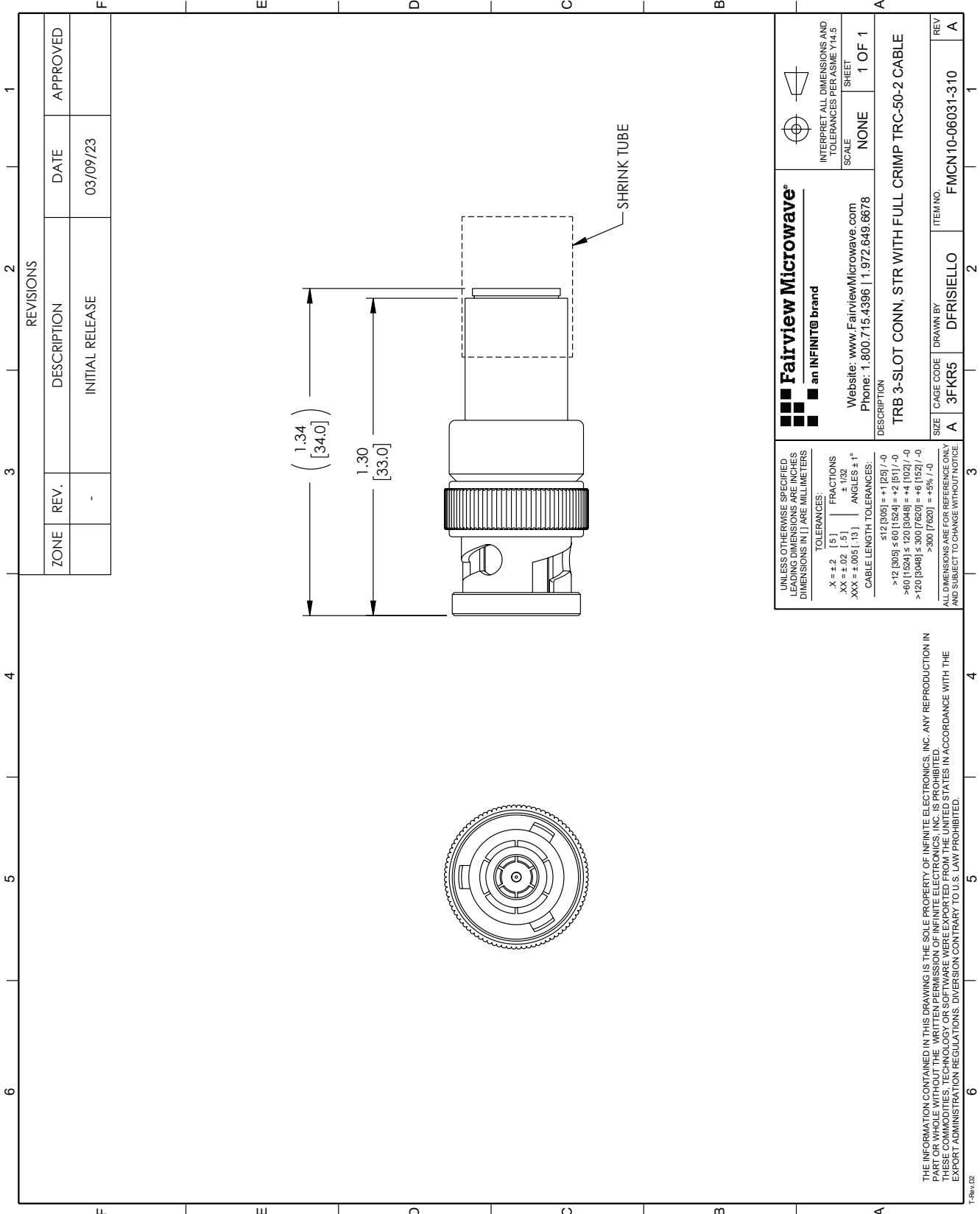
TRB Plug Full Crimp Connector for TRC-50-2 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [TRB Plug Full Crimp Connector for TRC-50-2 Cable FMCN10-06031-310](#)

URL: <https://www.fairviewmicrowave.com/trb-plug-trc-50-2-m17-134-00002-connector-fmcn10-06031-310-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				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	03/09/23	

<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: TRB 3-SLOT CONN, STR WITH FULL CRIMP TRC-50-2 CABLE</p>	
<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN LARGE MILLIMETERS</p> <p>TOLERANCES:</p> <p>.X = ±.2 (5) FRACTIONS ± 1/32</p> <p>.XX = ±.02 (.5) ANGLES ± 1°</p> <p>.XXX = ±.005 (.13)</p> <p>CABLE LENGTH TOLERANCES:</p> <p>≤ 12 (305) = ±1 (25) / -0</p> <p>> 12 (305) ≤ 60 (1524) = +2 (51) / -0</p> <p>> 60 (1524) ≤ 120 (3048) = +4 (102) / -0</p> <p>> 120 (3048) ≤ 300 (7620) = +6 (152) / -0</p> <p>> 300 (7620) = +5% / -0</p> <p>ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.</p>	<p>ITEM NO. FMCN10-06031-310</p>	<p>REV A</p>

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