

## RP-TNC Male Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, RG402

RP TNC male connector with solder/solder attachment for FM-SR141ALTN, FM-SR141TB and RG402, part number FMCN1881, from Fairview Microwave is in-stock and ships same day. Our reverse polarity male configuration uses a male connector body with a female inner contact receptacle. This TNC male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.35:1.

Fairview's RP TNC male connector FMCN1881 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		6	GHz
VSWR			1.35:1	

### Mechanical Specifications

<b>Size</b>	
Length	0.762 in [19.35 mm]
Width/Dia.	0.571 in [14.50 mm]
Height	0.5 in [12.7 mm]
Weight	0.029 lbs [13.15 g]

### Material Specifications

Description	Material	Plating
Contact	Bronze	Gold
Insulation	Teflon	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel

### Environmental Specifications

#### Temperature

Operating Range -65 to +165 deg C

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

### Plotted and Other Data

Notes:



### Configuration:

- TNC Male Reverse Polarity Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- FM-SR141ALTN, FM-SR141TB, RG402 Interface Type
- Solder/Solder Attachment

### Features:

- Operating Frequency of 6 GHz Max.
- Good VSWR of 1.35:1
- Reverse Polarity
- Gold Plated Bronze Contact

### Applications:

- General Purpose Test
- Custom Cable Assemblies

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RP-TNC Male Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, RG402 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.

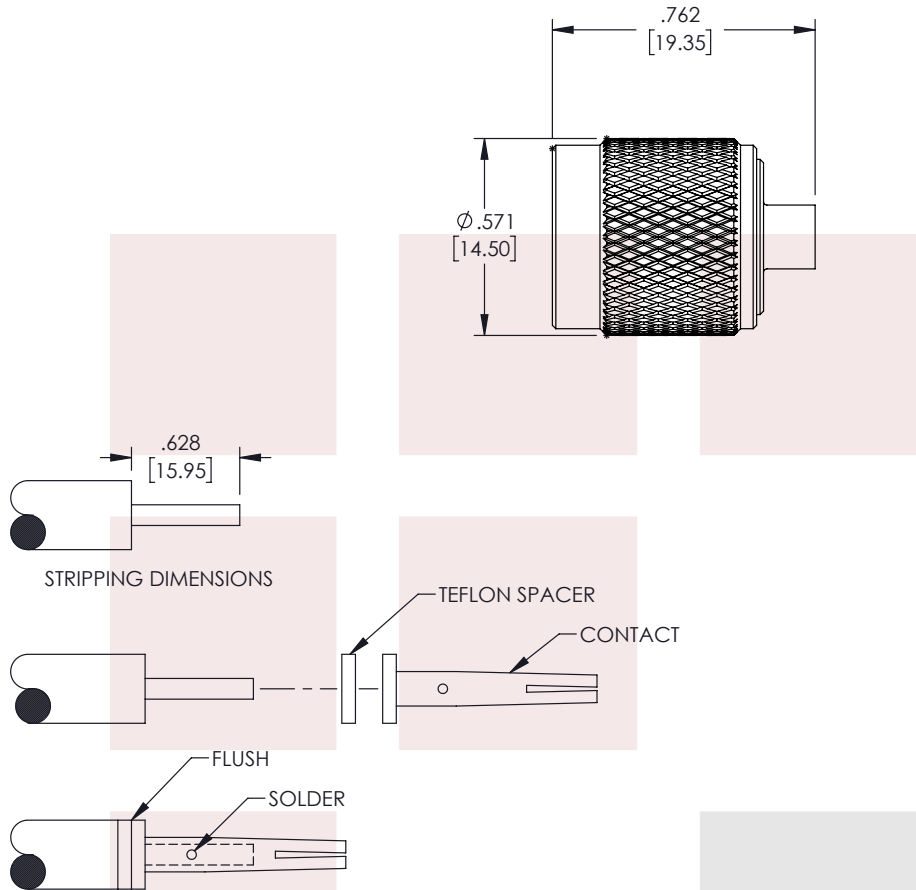
For additional information on this product, please click the following link: [RP-TNC Male Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, RG402 FMCN1881](#)

URL: <https://www.fairviewmicrowave.com/tnc-male-reverse-polarity-fm-sr141altn-fm-sr141tb-rg402-connector-fmcn1881-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	01/21/2022	AGANWANI



- ASSEMBLY PROCEDURE
1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
  2. PLACE TEFLON SPACER OVER CENTER CONDUCTOR.
  3. SOLDER CONTACT FLUSH TO TEFLON SPACER, LEAVING NO GAP.
  4. INSERT SEMI-RIGID INTO CONNECTOR BODY.
  5. SOLDER OUTER CONDUCTOR TO CONNECTOR BODY.

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TITLE

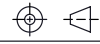
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS	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



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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 A.KRESOWSKI	ITEM NO. FMCN1880	REV A
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