

## Mini UHF Male Connector Crimp/Solder Attachment for LMR-240, LMR-240-UF, LMR-240-DB, LMR-240-FR Cable



### TC-240-MUHF

#### Configuration

- Mini UHF Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-240, LMR-240-UF, LMR-240-DB, LMR-240-FR

#### Features

- Operating Frequency of 1 GHz Max.
- Good VSWR of 1.35:1
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Mini UHF Male Connector Crimp/Solder Attachment for LMR-240, LMR-240-UF, LMR-240-DB and LMR-240-FR Cable, part number TC-240-MUHF, from Times Microwave offered by Fairview Microwave is in-stock and ships same day. This Mini UHF male connector operates up to a maximum frequency of 1 GHz and offers good VSWR of 1.35:1.

Times Microwave's Mini UHF male connector TC-240-MUHF 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.35:1	
Insertion Loss			0.15	dB
Operating Voltage (AC)			300	Vrms
Impedance		50		Ohms

Electrical Specification Notes:  
Insertion loss is  $=0.15 \cdot \sqrt{f(\text{GHz})}$

#### Mechanical Specifications

##### Size

Length	0.45 in [11.43 mm]
Width	0.45 in [11.43 mm]
Height	1.1 in [27.94 mm]
Weight	0.01 lbs [4.54 g]

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**TC-240-MUHF**

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold
Insulation	Delrin	
Body	Brass	Nickel

**Environmental Specifications**

Temperature

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

**Plotted and Other Data**

Notes:

Mini UHF Male Connector Crimp/Solder Attachment for LMR-240, LMR-240-UF, LMR-240-DB, LMR-240-FR 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.

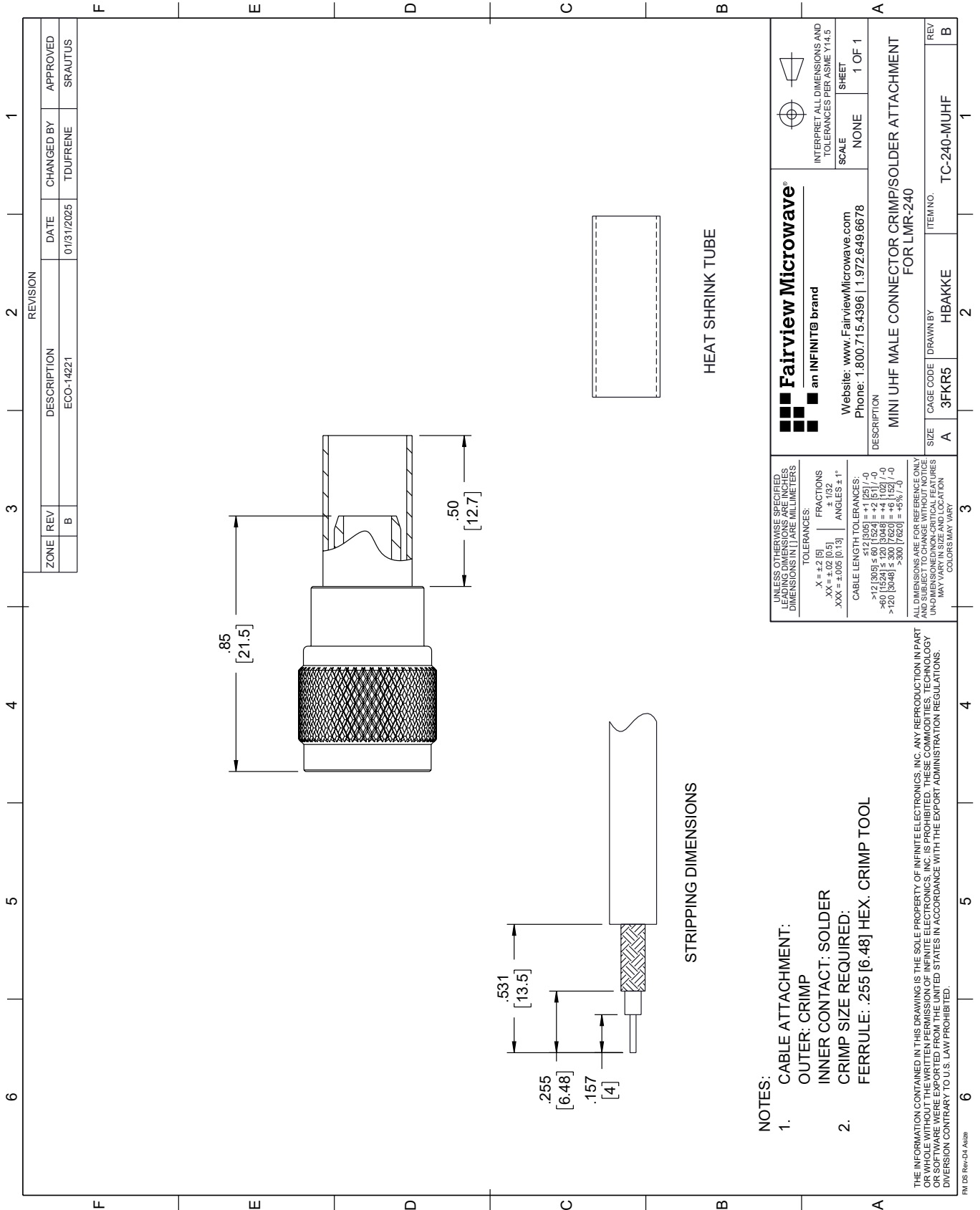
For additional information on this product, please click the following link: [Mini UHF Male Connector Crimp/Solder Attachment for LMR-240, LMR-240-UF, LMR-240-DB, LMR-240-FR Cable TC-240-MUHF](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/mini-uhf-male-lmr-240-lmr-240-uf-lmr-240-db-lmr-240-fr-connector-tc-240-muhf.html>

The information contained within 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 liability arising out of the use of any part or document.

# TC-240-MUHF CAD Drawing

Mini UHF Male Connector Crimp/Solder Attachment for LMR-240, LMR-240-UF, LMR-240-DB, LMR-240-FR Cable



**NOTES:**

1. CABLE ATTACHMENT:  
OUTER: CRIMP  
INNER CONTACT: SOLDER  
CRIMP SIZE REQUIRED:  
FERRULE: .255 [6.48] HEX. CRIMP TOOL

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PM 06 Rev-D4 Alt2b

REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV			
	B	01/31/2025	TDURENE	SRAUTUS
DESCRIPTION				
ECO-14221				

 <b>Fairview Microwave</b> an INFINITe brand		Website: <a href="http://www.FairviewMicrowave.com">www.FairviewMicrowave.com</a> Phone: 1.800.715.4396   1.972.649.6678	INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE MILLIMETERS. TOLERANCES: .X = ±.2 [5]      FRACTIONS ± 1/32 .XX = ±.02 [0.5]      ANGLES ± 1° .XXX = ±.005 [0.13]		CAGE CODE: 3FKR5 DRAWN BY: HBAKKE ITEM NO.: TC-240-MUHF	
CABLE LENGTH TOLERANCES: >12 [305] ≤ 60 [1524] = +1 [25] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +5% / -0		ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNDIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.	
DESCRIPTION: MINI UHF MALE CONNECTOR CRIMP/SOLDER ATTACHMENT FOR LMR-240		REV: B	