

## Mini UHF Male Connector Crimp/Solder Attachment for LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-LLPX



### TC-400-MUHF

#### Configuration

- Mini UHF Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-LLPX

#### Features

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

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Times Microwave's TC-400-MUHF Mini UHF Male Connector Crimp/Solder Attachment for LMR-400, LMR-400-DB, LMR-400-UF and LMR-400-LLPX Cable is part of our full line of RF components available for same-day shipping. Times Microwave's 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-400-MUHF 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		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  $=0.15 \cdot \text{SQRT}(FGHz)$

#### Mechanical Specifications

##### Size

Length	0.5 in [12.7 mm]
Width	0.5 in [12.7 mm]
Height	1.1 in [27.94 mm]
Weight	0.02 lbs [9.07 g]

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### TC-400-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-400, LMR-400-DB, LMR-400-UF, LMR-400-LLPX 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.

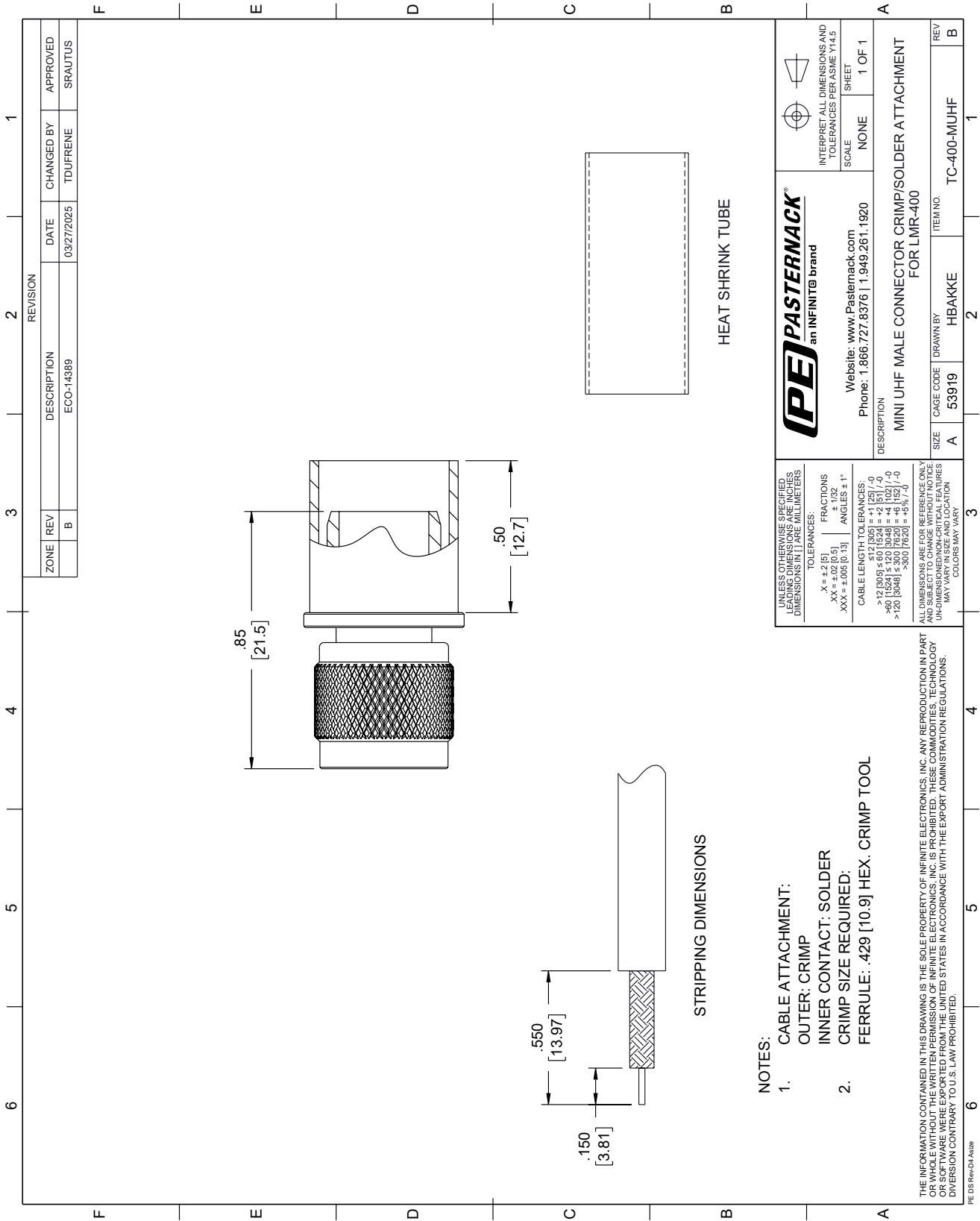
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Mini UHF Male Connector Crimp/Solder Attachment for LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-LLPX TC-400-MUHF](#)

URL: <https://www.pasternack.com/mini-uhf-male-lmr-400-lmr-400-db-connector-tc-400-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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# TC-400-MUHF CAD Drawing

Mini UHF Male Connector Crimp/Solder Attachment for LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-LLPX



ZONE		REVISION		APPROVED	
REV	DESCRIPTION	DATE	CHANGED BY	DATE	APPROVED
B	ECO-14389	03/27/2025	TDUFRENE		SRAUTUS

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Phone: 1.866.727.8376 | 1.949.261.1920

SCALE: NONE SHEET: 1 OF 1

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

DESCRIPTION: MINI UHF MALE CONNECTOR CRIMP/SOLDER ATTACHMENT FOR LMR-400

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	HBAKKE	TC-400-MUHF	B

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

TOLERANCES:  
 .X = ±.2 [5] FRACTIONS ± 1/32  
 .XX = ±.02 [0.5] ANGLES ± 1°  
 .XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:  
 ≤ 12 [305] = ±.005 [0.125] /-0  
 > 12 [305] ≤ 60 [1524] = ±.01 [0.25] /-0  
 > 60 [1524] ≤ 300 [7620] = ±.02 [0.5] /-0  
 > 300 [7620] = ±.05 [1.27] /-0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE UNLESS OTHERWISE SPECIFIED. DIMENSIONS MAY VARY. COLORS MAY VARY.

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FE DS Rev-01/2025

- NOTES:
- CABLE ATTACHMENT:  
OUTER: CRIMP  
INNER CONTACT: SOLDER  
CRIMP SIZE REQUIRED:  
FERRULE: .429 [10.9] HEX. CRIMP TOOL

STRIPPING DIMENSIONS

HEAT SHRINK TUBE