



SMA Male Connector Crimp/Solder Attachment for LMR-400, PE-C400

**RF Connectors**  
**Technical Data Sheet**

**TC-400-SM-X**

**Times Microwave Systems Connector Specification**

**Configuration**

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-400, PE-C400

**Features**

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.22:1
- Gold Plated Brass Contact
- 50µ" Minimum contact plating

**Applications**

- General Purpose Test
- Custom Cable Assemblies

**Description**

Pasternack's TC-400-SM-X SMA male connector with crimp/solder attachment for LMR-400 and PE-C400 is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.22:1.

Our SMA male connector TC-400-SM-X 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		6	GHz
VSWR			1.22:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (DC)			500	Vdc
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms

**Mechanical Specifications**

**Size**

- Length 1.23 in [31.24 mm]
- Width/Dia. 0.5 in [12.70 mm]
- Height 0.5 in [12.7 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Connector Crimp/Solder Attachment for LMR-400, PE-C400 TC-400-SM-X](#)



## SMA Male Connector Crimp/Solder Attachment for LMR-400, PE-C400

### RF Connectors Technical Data Sheet

**TC-400-SM-X**

Weight	0.051 lbs [23.13 g]
Mating Cycles	500 Cycles
Mating Torque	7 to 10 in-lbs [0.79 to 1.13 Nm]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50µ" Minimum
Insulation	Teflon	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

#### Environmental Specifications

##### Temperature

Operating Range	-55 to +125 deg C
Humidity	MIL-STD-202, Method 106
Shock	MIL-STD-202, Method 213, Cond. I
Vibration	MIL-STD-202, Method 204, Cond. D

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

#### Plotted and Other Data

Notes:

SMA Male Connector Crimp/Solder Attachment for LMR-400, PE-C400 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: [SMA Male Connector Crimp/Solder Attachment for LMR-400, PE-C400 TC-400-SM-X](#)

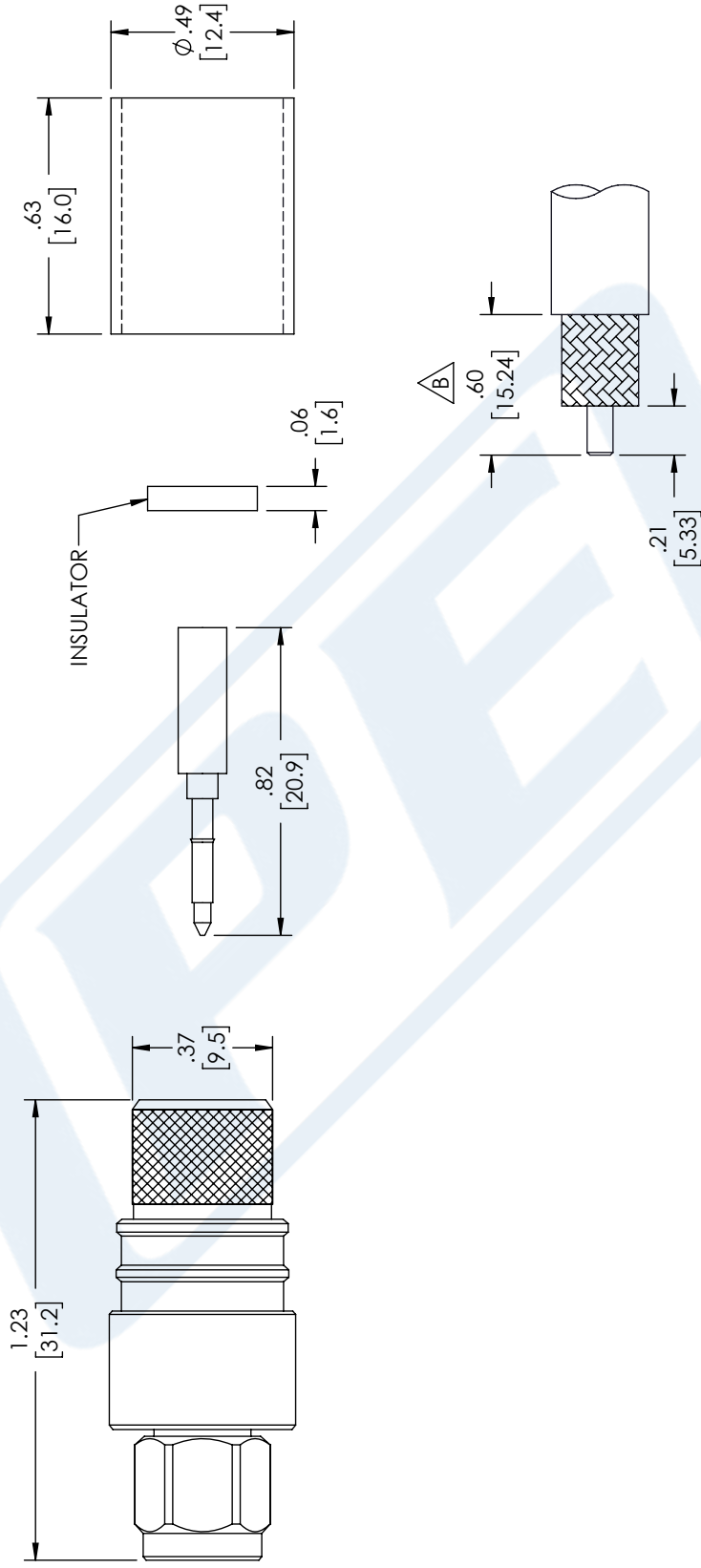
URL: <https://www.pasternack.com/sma-male-lmr-400-pe-c400-connector-tc-400-sm-x-p.aspx>

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# TC-400-SM-X CAD Drawing

SMA Male Connector Crimp/Solder Attachment for LMR-400, PE-C400

REVISIONS		
REV.	DESCRIPTION	DATE
B	PCR TC-400-SM-X 20220513; UPDATE STRIPPING DIM	6/2/22
		APPROVED
		SRAUTUS



RECOMMENDED CABLE STRIPPING DIMENSION

<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <p>.X = ±.2 [5.08]    FRACTIONS ± 1/32          .XX = ±.02 [ .51]    ANGLES ± 1°          .XXX = ±.005 [ .13]</p> <p>CABLE LENGTH (L), TOLERANCES:          L ≤ 12 [305] = +1 [25] / -0          12 [305] &lt; L ≤ 60 [1524] = +2 [51] / -0          60 [1524] &lt; L ≤ 120 [3048] = +4 [102] / -0          120 [3048] &lt; L ≤ 300 [7620] = +6 [152] / -0          300 [7620] &lt; L = +5% / -0</p> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p>	<p>THIRD-ANGLE PROJECTION</p> <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> <p>SCALE N/A</p>
	<p>SIZE A    CAGE CODE 53919    DRAWN BY HBAKKE    ITEM NO. TC-400-SM-X-PE    REV B</p>
<p><b>PE PASTERNAK</b> an INFINITI brand</p> <p>Pasternack Enterprises, Inc.          P. O. Box 16759, Irvine, CA 92623.          Phone: 1.949.261.1920   1.866.727.8376          Fax: 1.949.261.7451          Website: www.pasternack.com          E-mail: sales@pasternack.com</p>	

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