



UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-400, PE-C400, PE-B400, PE-B405

RF Connectors Technical Data Sheet



EZ-400-UM-X

Times Microwave Systems Connector Specification

Configuration

- UHF Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-400

Features

- Max. Operating Frequency 3 GHz
- silver Plated Phosphor Bronze Contact
- 200 µin contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's EZ-400-UM-X , UHF, Standard, Connector is part of our full line of RF components available for same-day shipping. Our UHF male connector operates up to a maximum frequency of 3 GHz.

Our UHF male connector EZ-400-UM-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		3	GHz
Insertion Loss			0.17	dB
Operating Voltage (AC)			500	Vrms
Impedance		50		Ohms
Dielectric Withstanding Voltage (AC)			2,000	Vrms
Insulation Resistance	10,000			MOhms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 2.45					GHz
VSWR, Max	1.3:1					

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-400, PE-C400, PE-B400, PE-B405 EZ-400-UM-X](#)



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Mechanical Specifications

Size

Length	1.87 in [47.50 mm]
Width	0.78 in [19.81 mm]
Height	0.78 in [19.81 mm]
Weight	0.09 lbs [42.18 g]
Mating Cycles	500 Cycles
Cable Retention Force	120 lbs [54.43 kg]

Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Silver 200 µin
Insulation	PTFE	
Body	Brass	Tin/Nickel 100 µin
Coupling Nut	Brass	Tin/Nickel 100 µin
Crimp Sleeve	Copper	Tin/Nickel 100 µin

Environmental Specifications

Temperature

Operating Range	-40 to +125 deg C
Shock	MIL-STD 202, Meth. 213, Cond. G
Vibration	MIL-STD 202, Meth. 204, Cond. B
Thermal Shock	MIL-STD 202, Meth. 107, Cond. B

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

Plotted and Other Data

Notes:

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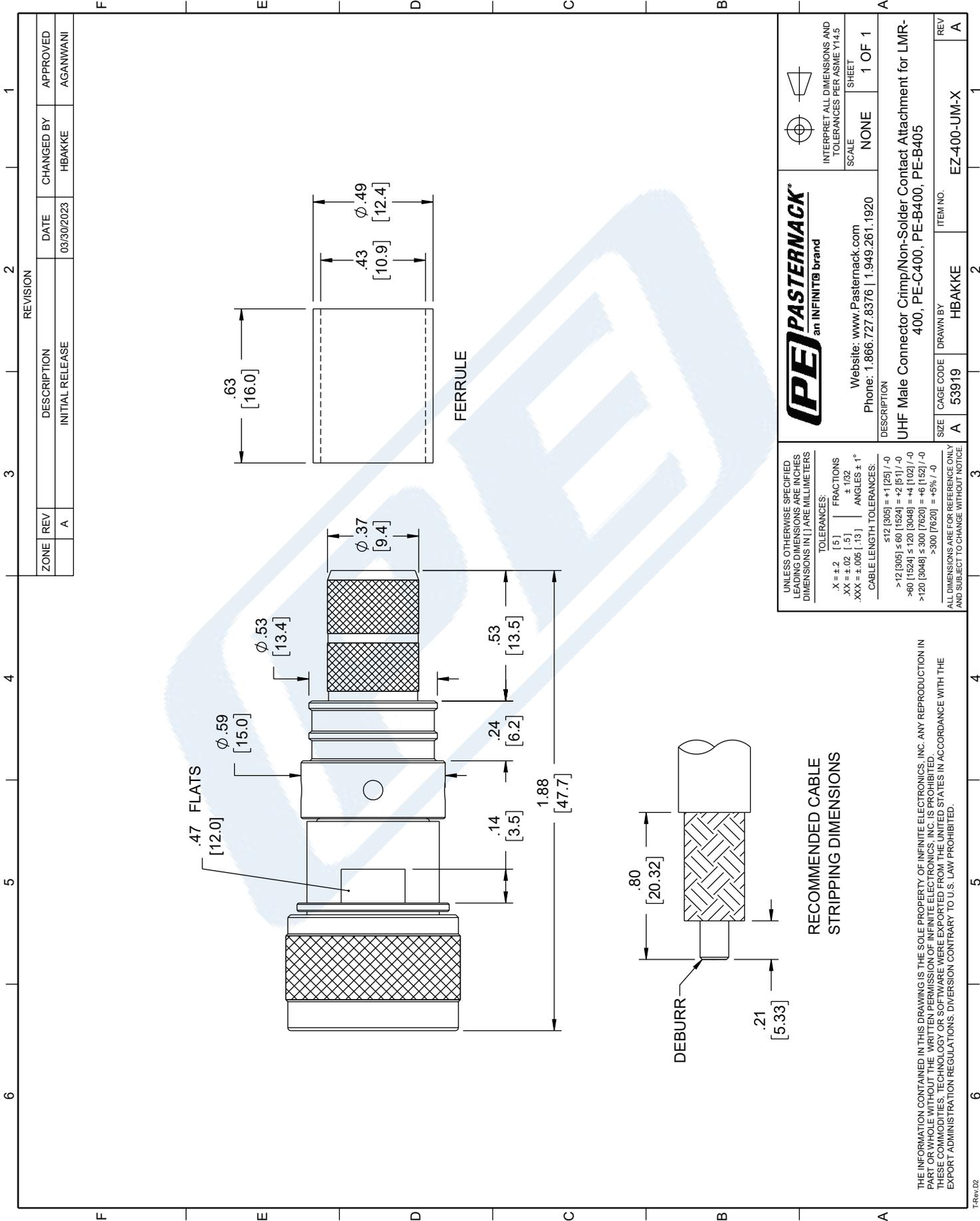
UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-400, PE-C400, PE-B400, PE-B405 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-400, PE-C400, PE-B400, PE-B405 EZ-400-UM-X](https://www.pasternack.com/uhf-male-lmr-400-pe-c400-connector-ez-400-um-x-p.aspx)

URL: <https://www.pasternack.com/uhf-male-lmr-400-pe-c400-connector-ez-400-um-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.

TIMES MICROWAVE SYSTEMS **EZ-400-UM-X CAD Drawing**
 UHF Male Connector Crimp/Non-Solder Contact Attachment
 for LMR-400, PE-C400, PE-B400, PE-B405



PE PASTERNAK
 an INFINITON brand

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 Phone: 1.866.727.8376 | 1.949.281.1920

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

TOLERANCES:
 .X = ±.2 [5] | FRACTIONS ±.102
 .XX = ±.02 [.5] | ANGLES ± 1°
 .XXX = ±.005 [.13] |
 CABLE LENGTH TOLERANCES:
 ≤12 [305] = +1 [25] / -0
 >12 [305] ≤60 [1524] = +2 [51] / -0
 >60 [1524] ≤120 [3048] = +4 [102] / -0
 >120 [3048] ≤300 [7620] = +8 [152] / -0
 >300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
 AND SUBJECT TO CHANGE WITHOUT NOTICE

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
 SCALE NONE SHEET 1 OF 1

DESCRIPTION
 UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-400, PE-C400, PE-B400, PE-B405

SIZE CAGE CODE DRAWN BY ITEM NO.
 A 53919 HBAKKE EZ-400-UM-X

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