PASTERNACK
an INFINITE brand

N Male Connector Crimp/Solder Attachment for RG223

RF Connectors
Technical Data Sheet

M39012/01-0503

Configuration

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG223

Features

- Max. Operating Frequency 11 GHz
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact
- QPL Part

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's M39012/01-0503 N male connector is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 11 GHz and offers excellent VSWR of 1.25:1.

Our type N male connector M39012/01-0503 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		11	GHz
VSWR			1.25:1	
Impedance		50		Ohms
Dielectric Withstanding Voltage (AC)			2,500	Vrms

Mechanical Specifications

Size

Length	1.45 in [36.83 mm]
Width	0.79 in [20.07 mm]
Height	0.79 in [20.07 mm]
Weight	0.08 lbs [37.19 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Connector Crimp/Solder Attachment for RG223 M39012/01-0503

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Outer Conductor	Brass	Silver
Body	Brass	Silver

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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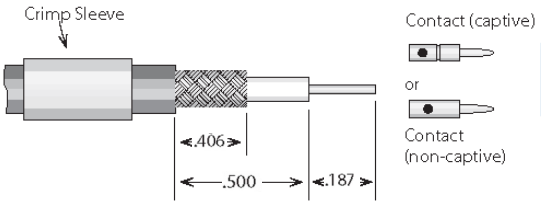
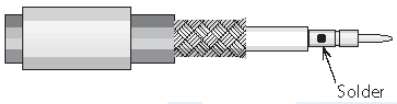
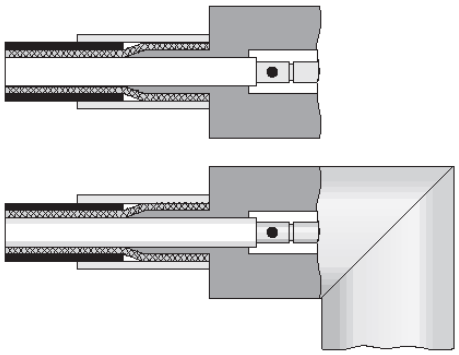
Assembly Instruction



1) Trim cable per chart. Slide crimp sleeve back onto cable.



2) If support insulator is provided for RG-62 or 71 cable, insert into hollow in dielectric. Solder contact onto center conductor; back of contact flush with trimmed end of cable dielectric (omit this step for right angle connectors with access caps). Flare cut end of braid slightly by rotating dielectric.



3) Insert cable/contact into rear of body, with all braid wires on outside of crimp tail.
   a) For captive contact connectors, push cable in until contact snaps into insulator.
   b) For noncaptive contact connectors, push cable in until cable dielectric bottoms in connector.
   c) For right angle or tee connectors with access caps, push cable in until end of braid touches connector body shoulder, and cable center conductor rests in contact slot.

   Trim excess braid wires even with shoulder of body. Slide crimp sleeve forward until flush with body and crimp (see page 211 for hex die sizes).

   For right angle or tee connectors with access caps: solder center conductor into contact slot, assemble insulator disc (if supplied), then press cap into body until seated or screw into place.

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N Male Connector Crimp/Solder Attachment for RG223 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.

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URL: https://www.pasternack.com/n-male-rg223-connector-m39012-01-0503-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.

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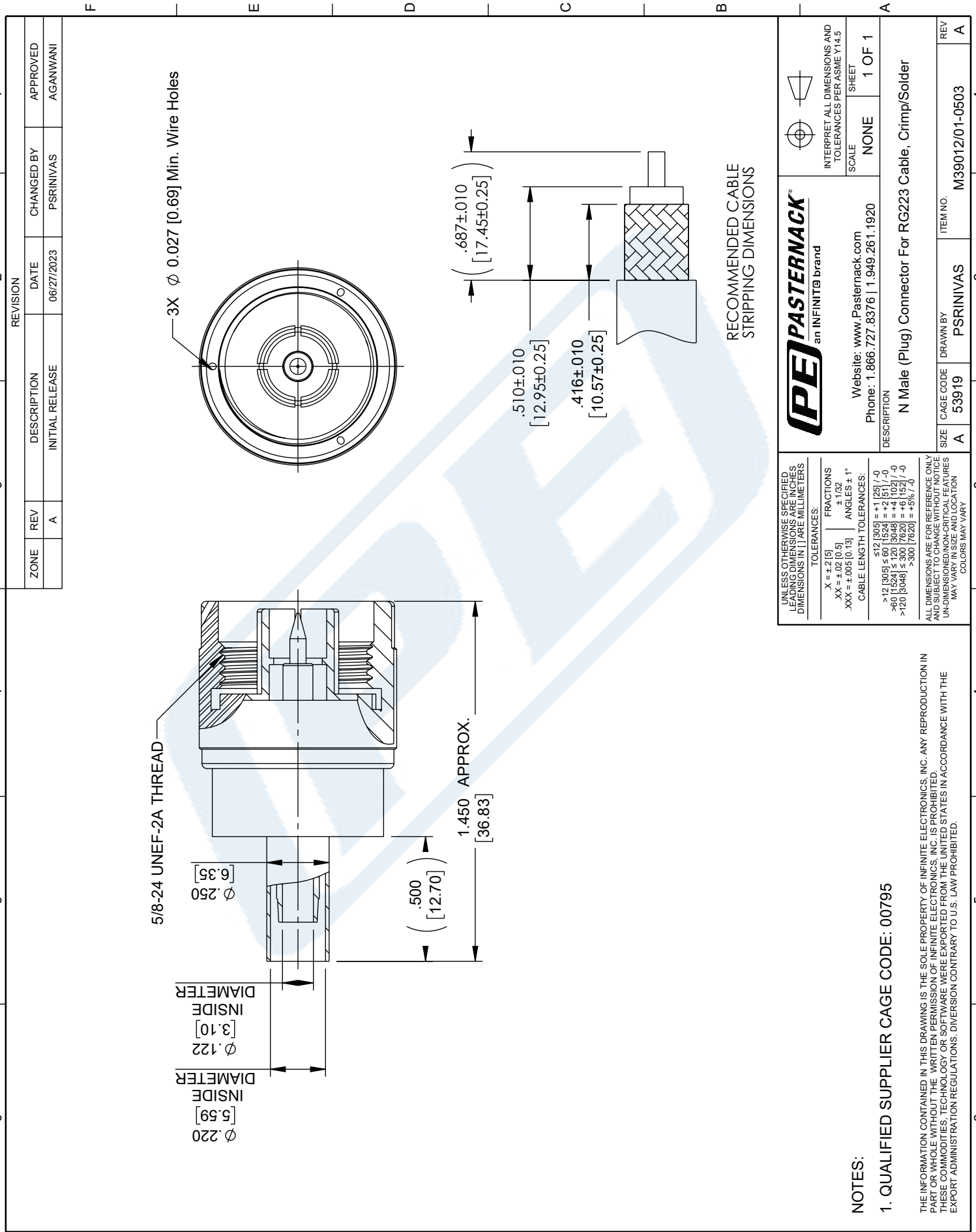
M39012/01-0503 CAD Drawing

N Male Connector Crimp/Solder Attachment for RG223



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