



N Male Right Angle Connector Crimp/Solder Attachment for LMR-195, PE-C195

RF Connectors Technical Data Sheet



TC-195-NMH-RA-D

Times Microwave Systems Connector Specification

Configuration

- N Male Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: LMR-195, PE-C195

Features

- Max. Operating Frequency 6 GHz
- Gold Plated Brass Contact
- 50 μ in. minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's TC-195-NMH-RA-D type N male right angle connector with crimp/solder attachment for LMR-195 and PE-C195 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 6 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our type N male right angle connector TC-195-NMH-RA-D 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
Operating Voltage (AC)			750	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 2	2 to 6				GHz
VSWR, Max	1.2:1	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: [N Male Right Angle Connector Crimp/Solder Attachment for LMR-195, PE-C195 TC-195-NMH-RA-D](#)

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Mechanical Specifications

Size	
Length	1.2 in [30.48 mm]
Width/Dia.	0.8 in [20.32 mm]
Weight	0.093 lbs [42.18 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50μ in. minimum
Insulation	Teflon	
Body	Brass	Tri-Metal 80μ in. minimum
Coupling Nut	Brass	Tri-Metal 80μ in. minimum

Environmental Specifications

Temperature	
Operating Range	-55 to +155 deg C
Shock	MIL-STD-202, Method 204, Condition B
Vibration	MIL-STD-202, Method 213, Condition B

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

Plotted and Other Data

Notes:

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TC-195-NMH-RA-D

N Male Right Angle Connector Crimp/Solder Attachment for LMR-195, PE-C195 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: [N Male Right Angle Connector Crimp/Solder Attachment for LMR-195, PE-C195 TC-195-NMH-RA-D](https://www.pasternack.com/n-male-lmr-195-pe-c195-connector-tc-195-nmh-ra-d-p.aspx)

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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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RECOMMENDED
CRIMP SIZE

RECOMMENDED CABLE STRIPPING DIMENSIONS

TOLERANCES:		
$X \pm .2$	[.508]	FRACTIONS
$XX \pm .02$	[.51]	$\frac{1}{32}$
$XXX \pm .005$	[.13]	ANGLES $\pm 1^\circ$
CABLE LENGTH [IN.] TOLERANCES:		
$L \leq 120$ [305] = +1 [25] / -0 $120 < 305 \leq 610$ [1524] = +2 [51] / -0 $610 < 1524 \leq 3048$ [3048] = +4 [102] / -0 $3048 < 3000$ [7620] = +6 [152] / -0 3000 [7620] = $\pm 45\%$ / -0		
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.		

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