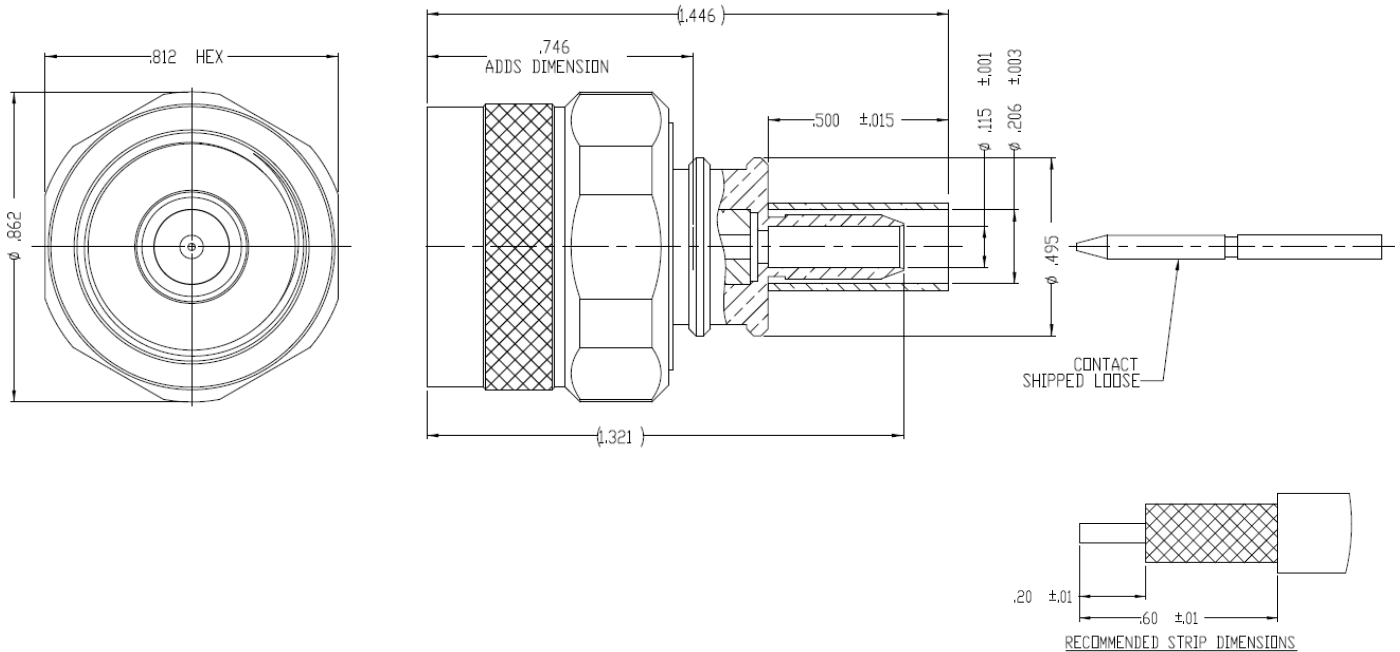


**NOTICE OF PROPRIETARY RIGHTS** THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N.N.N	1/15/14	J.D.B.	1/15/14



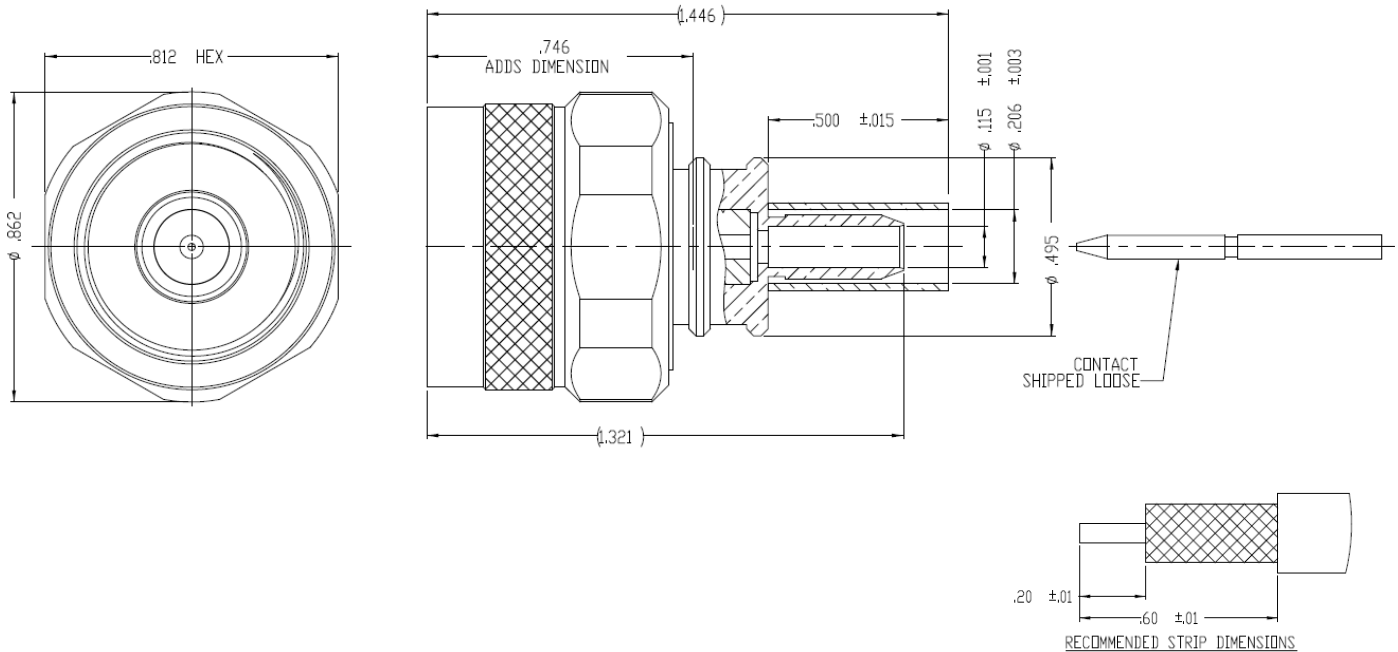
**NOTES:**

- ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348.
- MATERIAL:  
 BODY, CONTACT - BRASS PER ASTM B16, C36000 ALLOY, TEMPER H02  
 INSULATOR - TEFLON PER ASTM D1710, TYPE 1, GRADE 1, CLASS A  
 SHRINK SLEEVE - HEAT SHRINKABLE ATUM PER MIL-I-23053/4 (NOT SHOWN)  
 CRIMP SLEEVE - D.H.P. COPPER CDA, ALLOY #122, TEMPER HARD  
 GASKET - SILICONE RUBBER PER A-A-59588, 50-75 DUROMETER  
 LOCKING RING - PHOSPHOR BRONZE PER ASTM B139, C54400 ALLOY, TEMPER HD
- FINISH:  
 CONTACT - GOLD PLATE PER ASTM B488  
 CRIMP SLEEVE - SILVER PLATE PER ASTM B700  
 ALL OTHER METAL PARTS - ALBALOY PLATE

MATL:		UNLESS OTHERWISE SPECIFIED		DFTM. N, N, N		TIMES MICROWAVE SYSTEMS			
		ALL DIMENSIONS ARE IN INCHES MACHINED SURFACES FINISH 63 RMS MAX. REMOVE ALL BURRS .004 MAX. BREAK MACHINE CORNERS .005 MAX. FILLET R. TOLERANCES ON DECIMALS . XX ± .01 . XXX ± .005 ANGLES ± 1° FRACTIONS ± 1/64		DATE 1/15/14					
CHKD. J, D, B.				TC-195-NMH-X CONNECTOR ASSEMBLY N Male for LMR-195					
DATE 1/15/14									
APPD. J, D, B.									
USED ON: _									
SCALE: NONE	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 1/15/14		SHEET 1 of 1	SD3190-2880	REV A	

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A	RELEASED FOR PRODUCTION	N.N.N	1/15/14	J.D.B.	1/15/14



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MATL:		UNLESS OTHERWISE SPECIFIED		DFTM. N, N, N		TIMES MICROWAVE SYSTEMS			
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Low Loss Flexible RG142 Type Coax Cable  
Triple Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET

PE-P195

Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket

**Configuration**

Cable Design	Low Loss
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper, Aluminum Tape
Jacket Material and Color	FEP, Tan

**Electrical Specifications**

Impedance, Ohms	50
Capacitance, pF/ft [pF/m]	29 [95.14]
Jacket Spark, Vrms	2,000

**Electrical Specifications by Frequency**

**Frequency 1**

Frequency, MHz	500
Attenuation, dB/100ft [dB/100m]	9 [29.53]

**Frequency 2**

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	12.5 [41.01]

**Frequency 3**

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	23.3 [76.44]

**Frequency 4**

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	31 [101.71]

**Mechanical Specifications**

**Inner Conductor**

Number of Strands	1
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.037 [0.94]

**Dielectric:**

Type	PTFE
Diameter, in [mm]	0.11 [2.79]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket PE-P195](#)

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.



Low Loss Flexible RG142 Type Coax Cable  
Triple Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET

PE-P195

**Shield:**

Number of	3
Material 1	Silver Plated Copper
Material 2	Aluminum Tape
Material 3	Silver Plated Copper Braid
Diameter, in [mm]	0.155 [3.94]

**Jacket:**

Material	FEP
Diameter, in [mm]	0.195 [4.95]
Color	Tan
Weight, lbs/ft [Kg/m]	0.002 [0]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

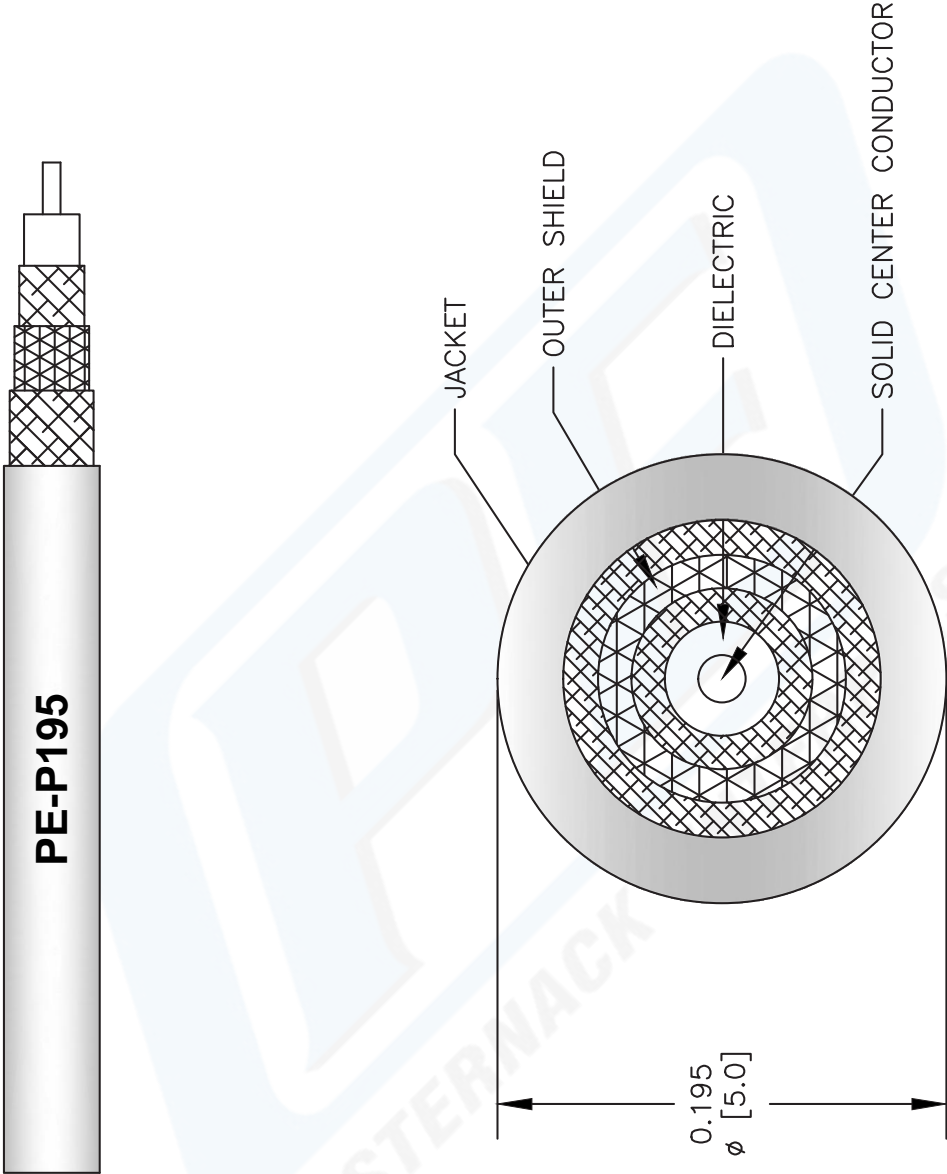
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PE-P195 CAD Drawing

Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket



NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE

PE-P195

REV. D

FSCM NO. 53919

CAD FILE 081512-D

SCALE N/A

SIZE A

2233



Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)