
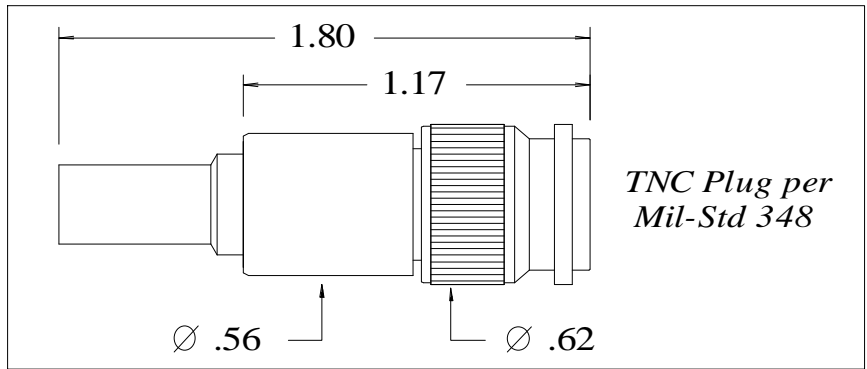


|  |   |                                    |
|--|---|------------------------------------|
| <b>PIC Wire &amp; Cable</b>  | <b>Connector Specification</b>  | <b>P/N 190508</b>                  |
| A Division of the Angelus Corporation<br>Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com<br>PO Box 330 Sussex, WI 53089 | Approved :  | Date 04/10/97<br>Rev. 6 (06/18/14) |
|  | Distribution : USER   | Uncontrolled Document              |

**TNC Straight Plug**  
for S67163



*Features Not Shown : Safety Wire Holes, Gasket in Front*

**PERFORMANCE**

|                       |              |
|-----------------------|--------------|
| Nominal Impedance     | 50 Ohms      |
| Frequency Range       | 0 - 12 GHz   |
| Voltage Rating        | 500 VRMS     |
| Insulation Resistance | 5000 Megohms |

**CONNECTOR WEIGHT (Each)**

1.15 ounces (32.60 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

|  |  |
|--|--|
| <b>Pic Die Set</b>   | <b>MIL Spec Die Set</b>  |
| <i>Center Contact</i>  | <i>Center Contact</i>  |
| M22520 / 5 - 01 Tool,<br>*PIC 190518A Hex Crimp Die<br>(.098 hex)      | M22520 / 5-01 Tool,<br>MIL Spec *M22520 / 5-57<br>(.100 B hex) |
| <i>Crimp Ferrule</i>   | <i>Crimp Ferrule</i>   |
| M22520 / 5 - 01 Tool,<br>*PIC 190518A Hex Crimp Die<br>(.270/.340 hex) | M22520 / 5-01 Tool,<br>MIL Spec *M22520 / 5-43<br>(.268 A hex) |

**CONSTRUCTION**

**Materials:**

|                |  |
|----------------|--|
| Body           | Brass, ASTM-B16,<br>Alloy UNS 36000, H02                                 |
| Center Contact | Brass, ASTM-B16,<br>Alloy UNS 36000, H02                                 |
| Ferrule        | Brass, ASTM-B16,<br>Alloy UNS 36000, Dead Soft,<br>Weatherseals included |
| Dielectric     | TFE Fluorocarbon, ASTM-D1710,<br>Type 1, Grade 1                         |

**Finish :**

|                |        |
|----------------|--------|
| Body, Ferrule  | Nickel |
| Center Contact | Gold   |

**Applicable Standards**

|               |
|---------------|
| MIL-STD 348   |
| MIL-PRF-39012 |

**Notes :**

- 1) A 2.5" piece of Raychem ATUM heat shrink P/N ATUM-16/4-0 provided with connector for purpose of strain relief & moisture protection.
- 2) Please refer to T-190XXX Termination Instruction sheet for strip dimensions & instructions.

\* Notes: 1. PIC 190518 Crimp Die Set superseded by PIC 190518A; either is acceptable for use with 190508 Connectors.  
2. MIL Spec die to be used on the smaller diameter area of ferrule only. Not the larger "Bell" area on end.

*PIC Wire & Cable Connector User specification sheets are non-controlled documents. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.*