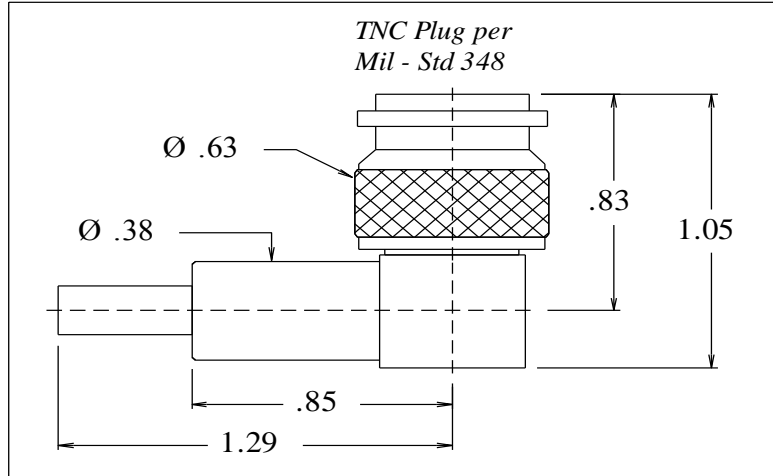


<b>PIC Wire &amp; Cable</b> <i>A Division of the Angelus Corporation</i> Ph 262-246-0500 Fax 262-246-0450 PO Box 330 Sussex, WI 53089	<b>Connector Specification</b>	<b>170809</b>
	Approved <i>MCT</i>	Date 03/25/09
	Distribution : USER	Rev. 2 (06/11/13) Uncontrolled Document

**TNC 90° Plug**  
for S83204



*Features Not Shown : Gasket in Front*

**PERFORMANCE**

Nominal Impedance	50 Ohms
Frequency Range	0 - 11 GHz
Voltage Rating	500 VRMS

**CONNECTOR WEIGHT (Each)**

1.088 ounces (30.84 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

***Crimp Tooling:***

<i>Center Contact</i>	M22520 / 1 - 01 Tool, Dial Setting @ # 5 Recommended Positioner : M22520 / 1 - 12, Blue
<i>Crimp Ferrule</i>	M22520 / 5 - 01 Tool, M22520 / 5-39 Hex Crimp Die, cavity B (.160 hex)

**CONSTRUCTION**

***Materials:***

Body	Brass, ASTM-B16
Center Contact	Brass, ASTM-B16
Ferrule	Copper, ASTM-B75
Dielectric	TFE Fluorocarbon, ASTM-D1710

***Finish :***

Body, Ferrule	Nickel
Center Contact	Gold

***Applicable Standards***

MIL-STD 348  
MIL-PRF-39012

***Notes :***

- 1) A 1.5" piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.
- 2) Please refer to T-170XXX Termination Instruction sheet for strip dimensions & instructions.