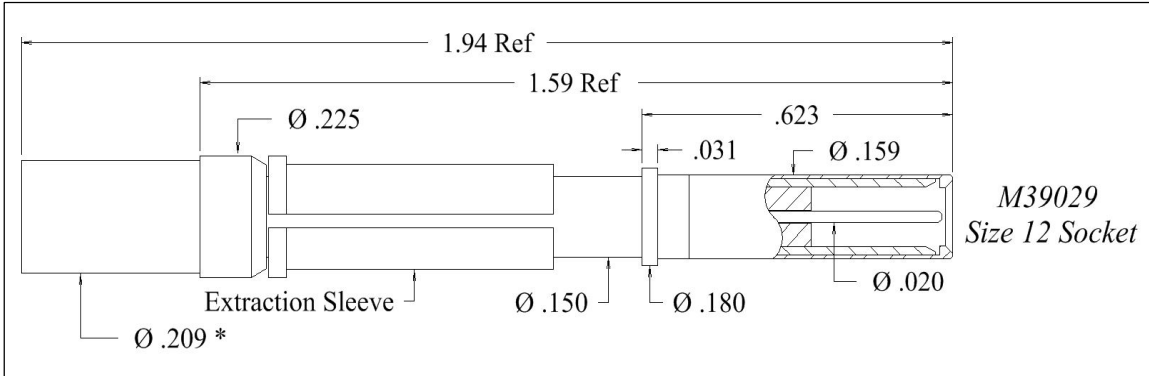


<b>PIC Wire &amp; Cable</b>	<b>Connector Specification</b>	<b>P/N 190867</b>
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com N220 W1051 Springdale Rd, Waukesha, WI 53186	Approved : <i>PFT</i>	Date : 02/02/15
	Distribution : USER	Rev : 4 (05/17/22)
		Uncontrolled if Printed

**M39029 Size 12 Coaxial Socket Contact**

*for S86208 / S88207 / S83204*



**PERFORMANCE**

Nominal Impedance	50 Ohms
Frequency Range	0 - 3 GHz
Voltage Rating	250 V(rms)
Insulation Resistance	5000 Megohms
Dielectric Withstanding Voltage	5500 V(rms)
VSWR (max)	1.3:1
Insertion Loss (max)	0.3 dB

**CONNECTOR WEIGHT (Each)**

0.13 ounces (3.78 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION (Tooling)**

**Center Contact**

M22520 / 2 - 01 Tool,  
 Dial Setting # 7  
 Recommended Positioner :  
 PIC # 110901 (Daniels # K1947)

**Crimp Ferrule**

M22520 / 5 - 01 Tool,  
 M22520 / 5-41 Hex Die Set, Cav. B  
 (.178 hex) (Daniels # Y140)

\* .178 Hex Crimp (across flats) = .206 nom across hex points

**CONSTRUCTION**

**Materials:**

Body	Beryllium Copper, ASTM-B196, Alloy UNS C17300 w/ Stainless Steel Hood
Center Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Extraction Sleeve	Nylon, Type 6/6

**Finish :**

Body, Ferrule	Gold
Center Contact	Gold
Body Hood	Passivated

**APPLICATIONS**

MIL-DTL-38999, Series I, III, IV  
 SAE AS39029/103

**Notes :**

- 1) Please refer to T-190867 Termination Instruction sheet for strip dimensions & instructions.
- 2) Contact has built-in extraction sleeve  
No removal tool needed
- 3) For use in high density D38999 connectors or in fully sealed environments. Please contact our team for assistance