

A Division of the Angelus Corporation  
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Approved : *PFT*

Date : 09/10/09

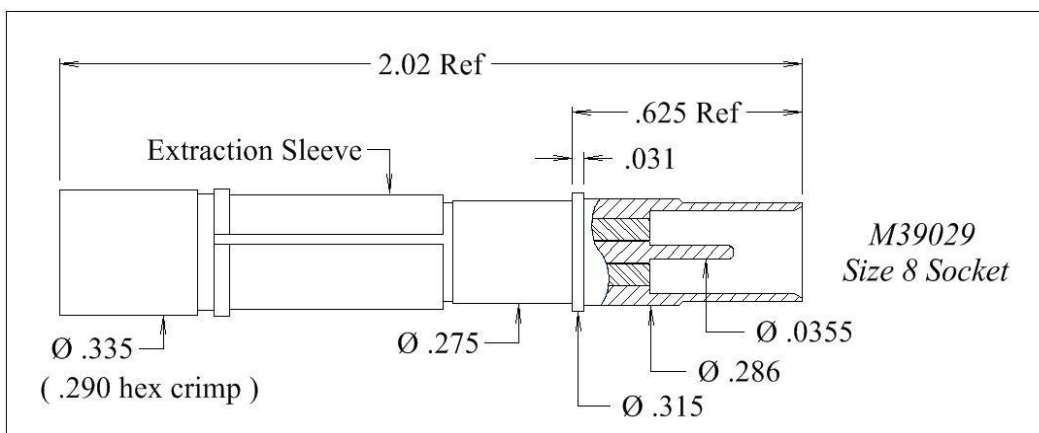
Rev : 6 (08/10/20)

Distribution : USER

Uncontrolled if Printed

**M39029 Size 8 Coaxial Socket Contact**

(for PIC 50 Ohm Coaxial Cable P/N S33141)



Note: Verify length of M38999 Type Connector & Backshell to ensure fit

**PERFORMANCE**

Impedance (nom)	50 Ohms
Frequency Range	0 - 5 GHz
Voltage Rating	750 V(rms)
Insulation Resistance (min)	5000 Megohms
DWV	1300 V(rms)
VSWR (max)	1.3:1
Insertion Loss (max)	0.3 dB

**CONNECTOR WEIGHT (Each)**

0.41 oz (11.68 gm)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION (Tooling)**

**Center Contact**

M22520 / 1 - 01 Tool,  
 Selector Dial @ # 6  
 Recommended Positioner:  
 PIC 110778 (DMC #TH735),  
 Selector @ Black

**Crimp Ferrule**

M22520 / 5 - 01 Tool,  
 M22520 / 5 - 41 Die Set,  
 Cavity A (.290 hex)

**CONSTRUCTION**

**Materials:**

Body	Beryllium Copper, ASTM-B196, Alloy UNS C17300
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

**APPLICATIONS**

MIL-C-39029/59  
 MIL-DTL-38999 Series I, III, IV

**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-190339 Termination Instruction sheet for strip dimensions & instructions.
- 3) No extraction tool needed. Contact has a built in extraction sleeve.