

# RF, Microwave and Datalink Contacts

for MIL-DTL-38999, SuperNine®, Mighty Mouse and Micro-Crimp® Connectors



## AS39029 Coaxial Contacts

### Size #12 AS39029 Coaxial Contacts



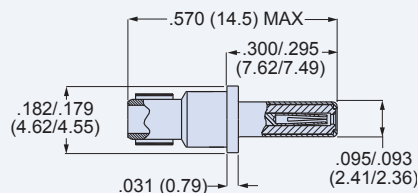
These snap-in, rear-release contacts fit Glenair Series 80 Mighty Mouse, Series 23 SuperNine®, Series 79 Micro-Crimp® and MIL-DTL-38999 connectors with size #12 cavities. Crimp termination. SAE AS39029 qualified.

Technical Data	
Specifications	Construction
<ul style="list-style-type: none"> <li>Operating temperature: -65°C. to +200°C.</li> <li>Dielectric withstanding voltage: 1000 Vac rms at sea level, 250 Vac at 50,000 feet</li> <li>Current rating: 1 ampere</li> <li>Durability: 500 mating cycles</li> <li>50 ohm nominal impedance*</li> <li>VSWR: 1.32 max., 500 MHz to 3 GHz*</li> <li>Insertion loss: 0.20 dB max. @ 3 GHz*</li> </ul>	<ul style="list-style-type: none"> <li><b>Inner contact, body, outer sleeve:</b> copper alloy, gold over nickel underplate per AS39029 Type D</li> <li><b>Socket contact hood:</b> stainless steel</li> <li><b>Insulator:</b> fluoroplastic</li> </ul>
* Applies to 852-004 and 852-005 only	

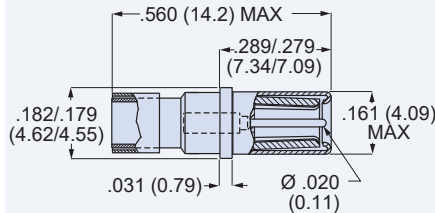
### Size #12 AS39029 Coaxial Contacts

RG Cable	Size	Freq.	Pin Contact M38999 I-IV Ser. 79, 80	Socket Contact		Crimp Tools				Insertion/ Removal Tool
				M38999 Series I, III, IV	M38999 Ser. II Series 79, 80	Inner Contact Crimper	Positioner	Shield Crimp Sleeve Crimper	Die Set	
RG174	12	700 MHz	<b>852-002-12-211</b> (M39029/28-211)	<b>852-003-12-416</b> (M39029/75-416)	<b>852-001-12-210</b> (M39029/27-210)	<b>809-015</b> (M22520/2-01)	<b>809-135</b> (M22520/2-34)	<b>809-133</b> (M22520/31-01)	<b>809-134</b> (M22520/31-02)	<b>809-132</b> (M81969/14-04)
RG179	12	200 MHz	<b>852-002-12-211</b> (M39029/28-211)	<b>852-003-12-416</b> (M39029/75-416)	<b>852-001-12-210</b> (M39029/27-210)	<b>809-015</b> (M22520/2-01)	<b>809-135</b> (M22520/2-34)	<b>809-133</b> (M22520/31-01)	<b>809-134</b> (M22520/31-02)	<b>809-132</b> (M81969/14-04)
RG180	12	700 MHz	<b>852-002-12-409</b> (M39029/28-409)	<b>852-003-12-417</b> (M39029/75-417)	<b>852-001-12-402</b> (M39029/27-402)	<b>809-015</b> (M22520/2-01)	<b>809-135</b> (M22520/2-34)	<b>809-133</b> (M22520/31-01)	<b>809-134</b> (M22520/31-02)	<b>809-132</b> (M81969/14-04)
RG316	12	700 MHz	<b>852-002-12-211</b> (M39029/28-211)	<b>852-003-12-416</b> (M39029/75-416)	<b>852-001-12-210</b> (M39029/27-210)	<b>809-015</b> (M22520/2-01)	<b>809-135</b> (M22520/2-34)	<b>809-133</b> (M22520/31-01)	<b>809-134</b> (M22520/31-02)	<b>809-132</b> (M81969/14-04)
		3 GHz	<b>852-004-12-558</b> (M39029/102-558)	<b>852-005-12-559</b> (M39029/103-559)	(N/A)	<b>809-128</b> (MH992)	<b>859-006</b> (K1721)	<b>809-129</b> (M22520/5-01)	<b>809-130</b> (M22520/5-03)	<b>809-132</b> (M81969/14-04)

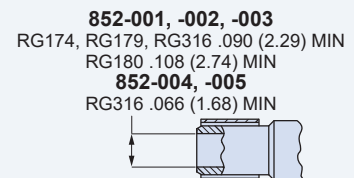
#### Pin Contact 852-002, 852-004



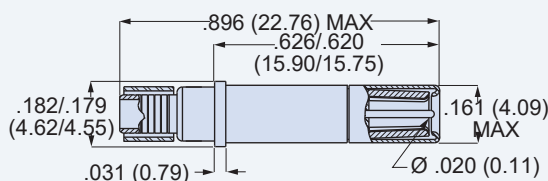
#### Socket Contact 852-001



#### Cable Entry



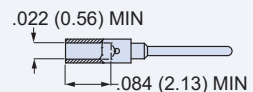
#### Socket Contact 852-003, 852-005



#### AS39029 Color Stripes

AS39029 Part No.	Color Bands		
	1st	2nd	3rd
M39029/27-210	RED	BROWN	BLACK
M39029/27-402	YELLOW	BLACK	RED
M39029/28-211	RED	BROWN	BROWN
M39029/28-409	YELLOW	BLACK	WHITE
M39029/75-416	YELLOW	BROWN	BLUE
M39029/75-417	YELLOW	BROWN	VIOLET
M39029/102-558	GREEN	GREEN	GRAY
M39029/103-559	GREEN	GREEN	WHITE

#### Inner Contact Crimp Barrel



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