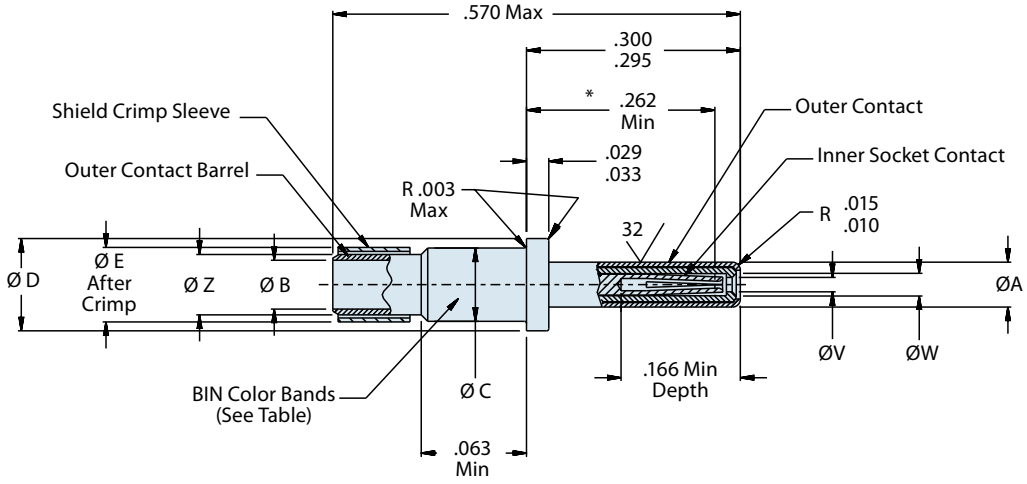
M39029/76
852-008
Size 16 Coaxial Pin

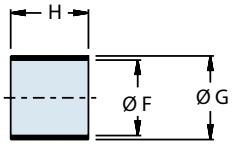
D38999 Ser. I, II, III, IV

Size #16 Coaxial Pin Contacts for MIL-DTL-38999 Series I, II, III and IV Connectors

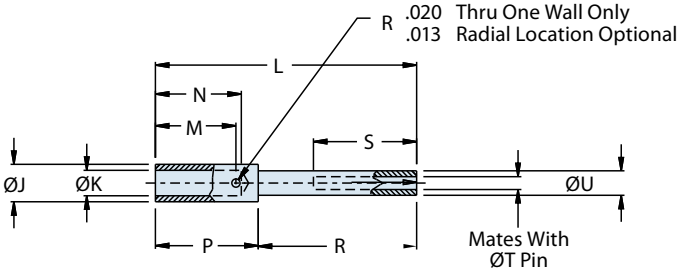


These #16 pin contacts accept 50 ohm and 75 ohm coaxial cable. Inner contact is rated at 1 amp, the outer contact 12 amps. DWV rating is 800 Vac rms sea level, 250 Vac at 50,000 feet. Contacts are packaged individually and are unassembled with instruction sheet. One contact consists of outer contact , fluorocarbon dielectric, inner contact and shield crimp sleeve. Inner and outer contacts are gold-plated copper alloy. Approved to SAE AS39029. VSWR rating 1.5:1 maximum up to 700 MHz. 5000 megohm insulation resistance. Mates with: M39029/77 and /78.





Shield Crimp Sleeve



Inner Socket Contact

Material and Finish

Contact Body: Copper Alloy/Gold Plated
Center Contact: Copper Alloy/Gold Plated
Crimp Sleeve: Copper Alloy/Gold Plated
Insulator: Teflon

* Indicates point at which a square ended pin of the same basic diameter as the mating contact first engages the outer contact spring

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Type	Cable Accommodation	Part Number	Military Part Number	Color Band 1st	2nd	3rd
Pin	M17/119-RG174, M17/113-RG316, M17/094-RG179, Times AA3248, Teledyne 11299, Haveg 8100207, Thermax 75-738-BCCWXE, Tensolite 3088/L707YX-1	852-008-16-424	M39029/76-424	Yellow	Red	Yellow
	M19/093-RG178	852-008-16-425	M39029/76-425	Yellow	Red	Green
	Haveg 61-02051, Revere WH95623	852-008-16-426	M39029/76-426	Yellow	Red	Blue
	Haveg 30-00761, Haveg 30-02024, Haveg 30-02033, Tensolite 24713/A955KK1, Tensolite 26723/A955KK1	852-008-16-427	M39029/76-427	Yellow	Red	Violet

Table I

BIN Code	ØA	ØB Min	ØC	ØD	ØE Max	ØF Min	ØG Max	H	ØJ Max	ØK Min	ØL Ref
424	.0635 (1.61) .0615 (1.56)	.0670 (1.7018)	.103 (2.62) .101 (2.57)	.130 (3.3) .127 (3.2)	0.108 (2.7)	0.105 (2.7)	0.120 (3.0)	.105 (2.7) .095 (2.4)	0.046 (1.2)	.0210 (0.5)	.392 (10.0)
425	.0635 (1.61) .0615 (1.56)	.0575 (1.4605)	.103 (2.62) .101 (2.57)	.130 (3.3) .127 (3.2)	0.108 (2.7)	0.094 (2.4)	0.120 (3.0)	.105 (2.7) .095 (2.4)	0.046 (1.2)	.0210 (0.5)	.392 (10.0)
426	.0635 (1.61) .0615 (1.56)	.0670 (1.7018)	.103 (2.62) .101 (2.57)	.130 (3.3) .127 (3.2)	0.108 (2.7)	0.105 (2.7)	0.120 (3.0)	.105 (2.7) .095 (2.4)	0.052 (1.3)	.0355 (0.9)	.392 (10.0)
427	.0635 (1.61) .0615 (1.56)	.0575 (1.4605)	.103 (2.62) .101 (2.57)	.130 (3.3) .127 (3.2)	0.108 (2.7)	0.094 (2.4)	0.120 (3.0)	.105 (2.7) .095 (2.4)	0.046 (1.2)	.0270 (0.7)	.392 (10.0)

Table I (continued)

BIN Code	M	N Min	P	R	S Min	T	U	ØV	ØW	ØZ Max
424	.094 (2.4) .087 (2.2)	0.103 (2.6)	.125 (3.2) .119 (3.0)	.271 (6.9) .269 (6.8)	0.156 (4.0)	.0155 (.39) .0145 (.37)	.030 (.8) .028 (.7)	.022 (.6) .018 (.5)	.041 (1.04) .038 (.097)	0.085 2.2
425	.094 (2.4) .087 (2.2)	0.103 (2.6)	.125 (3.2) .119 (3.0)	.271 (6.9) .269 (6.8)	0.156 (4.0)	.0155 (.39) .0145 (.37)	.030 (.8) .028 (.7)	.022 (.6) .018 (.5)	.041 (1.04) .038 (.097)	0.076 1.9
426	.094 (2.4) .087 (2.2)	0.103 (2.6)	.125 (3.2) .119 (3.0)	.271 (6.9) .269 (6.8)	0.156 (4.0)	.0155 (.39) .0145 (.37)	.030 (.8) .028 (.7)	.022 (.6) .018 (.5)	.041 (1.04) .038 (.097)	0.085 2.2
427	.094 (2.4) .087 (2.2)	0.103 (2.6)	.125 (3.2) .119 (3.0)	.271 (6.9) .269 (6.8)	0.156 (4.0)	.0155 (.39) .0145 (.37)	.030 (.8) .028 (.7)	.022 (.6) .018 (.5)	.041 (1.04) .038 (.097)	0.076 1.9

Table III

Inner Contact		Outer Contact		Insertion Tool	Extraction Tool
Basic Crimping Tool	Positioner	Basic Crimping Tool	Positioner		
M22520/2-01	M22520/2-35	M22520/4-01	M22520/4-02	M81969/8-07 or M81969/14-03	M81969/8-08 or M81969/14-03

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