



GMSM Solder Cup, Pre-Wired and Solid Wire Single Row Connector Low Profile Metal Shell Microminiature

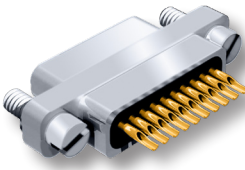


GMSM Connectors offer mil spec design and performance in a smaller form factor. These GMSM single row connectors are reduced in height compared to two-row Micro-D connectors.

GMSM Connectors feature gold plated TwistPin contacts, machined aluminum shells, and are fully potted with epoxy. Choose from 4 to 35 contacts. Available in a variety of finishes, socket connectors are fitted with Fluorosilicone interfacial seals.

D

How To Order Solder Cup Connectors

 Solder Cup	Sample Part Number		GMSM	1-	15	P	S	B
	Series	GMSM Glenair Metal Shell Microminiature						
	Shell Finish	Aluminum Shell Stainless Steel Shell						
		1 - Cadmium 2 - Nickel 3 - Passivated						
		4 - Black Anodize						
		5 - Gold 6 - Chem Film						
	Contact Layout	04, 06, 10, 15, 20, 25, 30, 35 (See Table II)						
	Contact Type	P - Pin S - Socket						
	Termination Type	S - Solder Cup						
	Hardware	B, P, M, M1, S, S1, L, K, F, R (See Table I)						

How To Order Insulated Wire Connector

 Insulated Wire Pigtails	Sample Part Number		GMSM	2-	10	P-	6	K	1-	18	B
	Series	GMSM Glenair Metal Shell Microminiature									
	Shell Finish	Aluminum Shell Stainless Steel Shell									
		1 - Cadmium 3 - Passivated									
		2 - Nickel									
		4 - Black Anodized									
		5 - Gold									
		6 - Chem Film									
	Number of Contacts	04, 06, 10, 15, 20, 25, 30, 35 (See Table II)									
	Contact Type	P - Pin, S - Socket									
	Wire Gage (AWG)	4 - #24 6 - #26 8 - #28 AWG									
	Wire Type	K - M22759/11 600 Vrms Teflon (TFE)®									
		J - M22759/33 600 Vrms Modified Cross-Linked Tefzel (ETFE)®									
		E - NEMA HP3-EB 600 Vrms Type E M16878/4 (TFE)									
	Wire Color Code	1 - White 2 - Yellow									
	Wire Length Inches	5 - Color-Coded Stripes Per MIL-STD-681 7 - 10 Color Repeating									
		18 - Wire Length In Inches. "18" Specifies 18 Inches.									
	Hardware	B, P, M, M1, S, S1, L, K, F, R (See Table I)									

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Micro-D
Single Row

How To Order Uninsulated Wire Connector

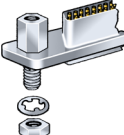
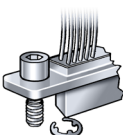
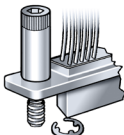
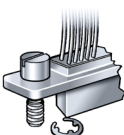
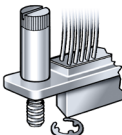
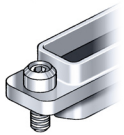
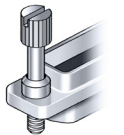
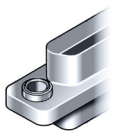
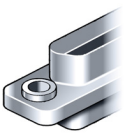


Gold Plated or Solder
Dipped Solid Leads

Sample Part Number		GMSM	2-	10	P-	5	C	4-	.250	P
Series	GMSM Glenair Metal Shell Microminiature									
Shell Finish	Aluminum Shell Stainless Steel Shell 1 - Cadmium 3 - Passivated 2 - Nickel 4 - Black Anodized 5 - Gold 6 - Chem Film									
Number of Contacts	04, 06, 10, 15, 20, 25, 30, 35 (See Table II)									
Contact Type	P - Pin, S - Socket									
Wire Gage (AWG)	4 - #24 5 - #26 6 - #26									
Wire Type	C - Copper Wire									
Wire Finish	3 - Solder Dipped (60/40/Tin/lead) 4 - Gold Plated									
Wire Length Inches	.125, .250, .375, .500, .750, 1.000, 2.000 Wire Length In Inches. ".500" Specifies Half Inch.									
Hardware	B, P, M, M1, S, S1, L, K, F, R (See Table I)									

D

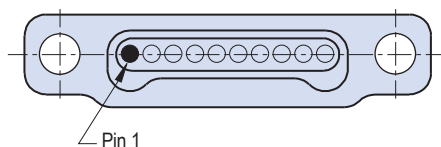
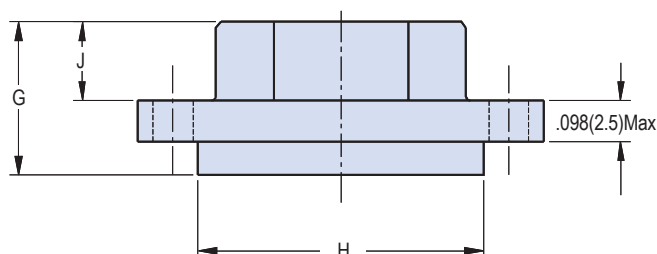
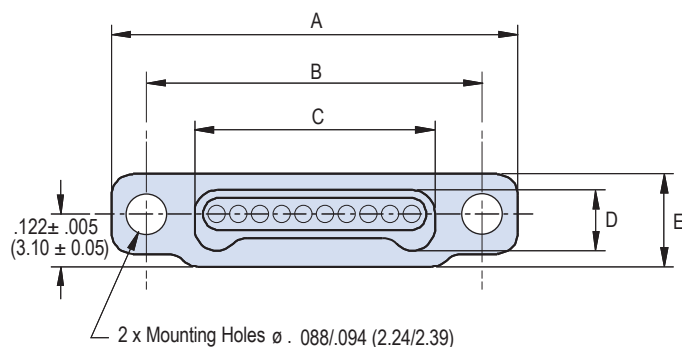
Table I: Mounting Hardware

B	P	M	M1	S	S1	L	K	F	R
									
Thru-Hole Order Hardware Separately	Jackpost Removable Includes Nut and Washer	Jackscrew Hex Head Removable E-ring	Jackscrew Hex Head Removable E-ring Extended	Jackscrew Slot Head Removable E-ring	Jackscrew Slot Head Removable E-ring Extended	Jackscrew Hex Head Non- Removable	Jackscrew Slot Head Non- Removable Extended	Float Mount For Front Panel Mounting	Float Mount For Rear Panel Mounting

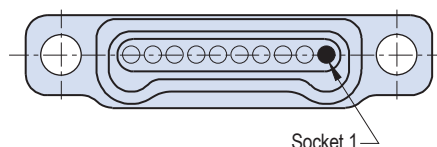
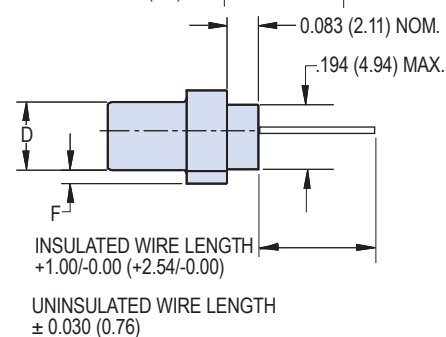
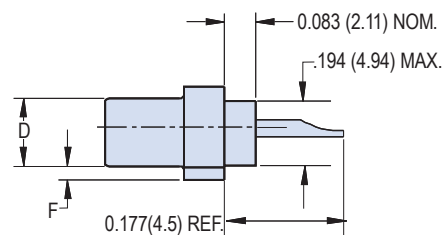


GMSM Solder Cup, Pre-Wired and Solid Wire Single Row Connector Dimensions

Table II: Dimensions



Face View of Pin (Plug) Connector



Face View of Socket (Receptacle) Connector

Layout	A Max.		B		C Max.		D Max.		E Max.		F Max.		G Max.		H Max.		J Max.	
	In.	mm.	In. ±.003	mm. ± 0.08	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
04P	.648	16.45	.478	12.11	.250	6.37	.135	3.42	.218	5.54	.041	1.03	.358	9.10	.309	7.85	.184	4.67
04S	.648	16.45	.478	12.11	.309	7.85	.194	4.94	.218	5.54	.012	0.30	.370	9.40	.309	7.85	.197	5.00
06P	.748	19.00	.578	14.65	.350	8.91	.135	3.42	.218	5.54	.041	1.03	.358	9.10	.409	10.40	.184	4.67
06S	.748	19.00	.578	14.65	.409	10.40	.194	4.94	.218	5.54	.012	0.30	.370	9.40	.409	10.40	.197	5.00
10P	.948	24.07	.777	19.73	.550	13.99	.135	3.42	.218	5.54	.041	1.03	.358	9.10	.609	15.47	.184	4.67
10S	.948	24.07	.777	19.73	.609	15.47	.194	4.94	.218	5.54	.012	0.30	.370	9.40	.609	15.47	.197	5.00
15P	1.198	30.42	1.027	26.08	.800	20.34	.135	3.42	.218	5.54	.041	1.03	.358	9.10	.859	21.82	.184	4.67
15S	1.198	30.42	1.027	26.08	.859	21.82	.194	4.94	.218	5.54	.012	0.30	.370	9.40	.859	21.82	.197	5.00
20P	1.448	36.77	1.277	32.43	1.050	26.69	.135	3.42	.218	5.54	.041	1.03	.358	9.10	1.109	28.17	.184	4.67
20S	1.448	36.77	1.277	32.43	1.109	28.17	.194	4.94	.218	5.54	.012	0.30	.370	9.40	1.109	28.17	.197	5.00
25P	1.698	43.12	1.527	38.78	1.300	33.04	.135	3.42	.218	5.54	.041	1.03	.358	9.10	1.359	34.52	.184	4.67
25S	1.698	43.12	1.527	38.78	1.359	34.52	.194	4.94	.218	5.54	.012	0.30	.370	9.40	1.359	34.52	.197	5.00
30P	1.948	49.47	1.777	45.13	1.550	39.39	.135	3.42	.218	5.54	.041	1.03	.358	9.10	1.609	40.87	.184	4.67
30S	1.948	49.47	1.777	45.13	1.609	40.87	.194	4.94	.218	5.54	.012	0.30	.370	9.40	1.609	40.87	.197	5.00
35P	2.198	55.82	2.027	51.48	1.800	45.74	.135	3.42	.218	5.54	.041	1.03	.358	9.10	1.859	47.22	.184	4.67
35S	2.198	55.82	2.027	51.48	1.859	47.22	.194	4.94	.218	5.54	.012	0.30	.370	9.40	1.859	47.22	.197	5.00