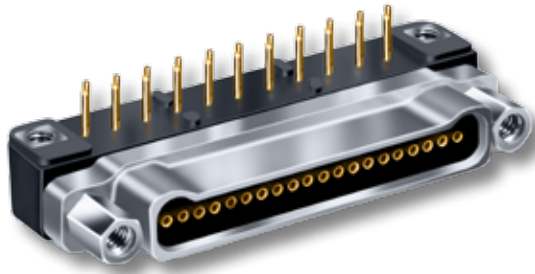


GMSM Right Angle Single Row PCB Connector Low Profile Metal Shell Microminiature



Micro-D
Single Row



Low Profile GMSM Single Row Micro Connectors offer mil spec design and performance in a smaller form factor for space savings. These GMSM connectors are shorter and occupy less board real estate than comparable 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 GMSM Right Angle PCB Connector

Sample Part Number	GMSM						2-	10	P	CBR	SU	1
Series	GMSM											
Shell Finish	Aluminum Shell 1 - Cadmium 2 - Nickel 4 - Black Anodize 5 - Gold 6 - Chem Film	Stainless Steel Shell 3 - Passivated										
Contact Layout	4, 6, 10, 15, 20, 25, 30, 35 (See Table II)											
Contact Type	P - Pin S - Socket											
Termination Style	CBR - Right Angle PCB											
Hardware Option	NU - Threaded Insert Only, No Jackposts SU - Jackpost and Threaded Insert (See Table I)				Rear Panel Jackposts with Threaded Inserts TU - 0.093" (2.4) Panel VU - 0.062" (1.6) Panel WU - 0.047" (1.2) Panel XU - 0.031" (0.8) Panel YU - 0.023" (0.6) Panel							
Tail Length	1 - .109 (2.8)	2 - .150 (3.8)	3 - .190 (4.8)	4 - .250 (6.3)								

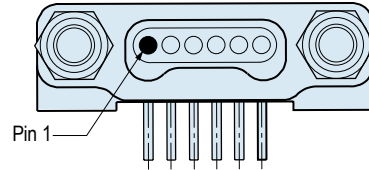
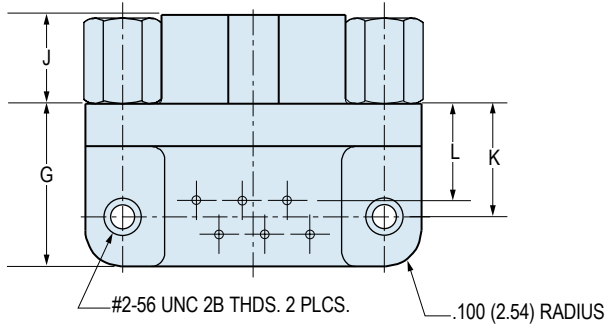
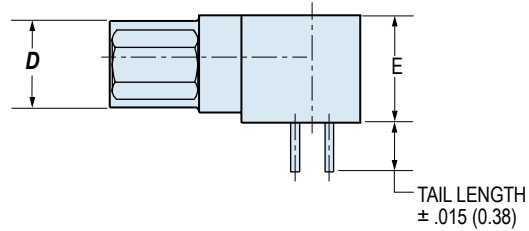
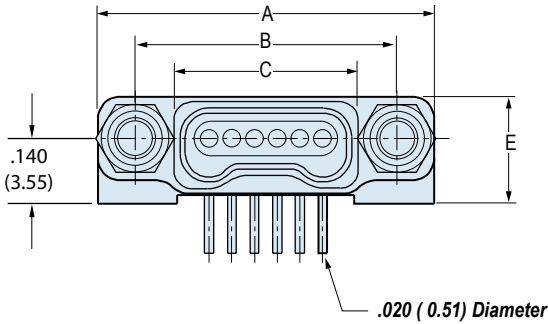
Table I: Mounting Hardware

NU	SU	TU, VU, WU, XU, YU
No Jackpost, Threaded Insert In PCB Mounting Hole	Jackpost With Threaded Insert	Jackpost for Rear Panel Mounting

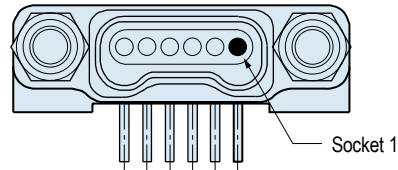


GMSM Right Angle Single Row PCB Connector Low Profile Metal Shell Microminiature

Table II: Dimensions



Face View of Pin (Plug) Connector



Face View of Socket (Receptacle) Connector

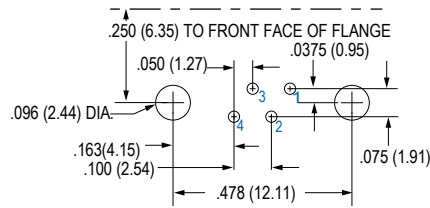
Layout	A Max.		B		C Max.		D Max.		E Max.		G Max.		J Max.		K		L	
	In.	mm.	In. ±.003	mm. ± 0.08	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In. ±.004	mm. ± 0.10	In. ±.010	mm. ± 0.25
4P	.648	16.45	.478	12.11	.250	6.37	.135	3.42	.241	6.13	.364	9.25	.184	4.67	.250	6.35	.213	5.41
4S	.648	16.45	.478	12.11	.309	7.85	.194	4.94	.241	6.13	.364	9.25	.197	5.00	.250	6.35	.213	5.41
6P	.748	19.00	.578	14.65	.350	8.91	.135	3.42	.241	6.13	.364	9.25	.184	4.67	.250	6.35	.213	5.41
6S	.748	19.00	.578	14.65	.409	10.40	.194	4.94	.241	6.13	.364	9.25	.197	5.00	.250	6.35	.213	5.41
10P	.948	24.07	.777	19.73	.550	13.99	.135	3.42	.241	6.13	.364	9.25	.184	4.67	.250	6.35	.213	5.41
10S	.948	24.07	.777	19.73	.609	15.47	.194	4.94	.241	6.13	.364	9.25	.197	5.00	.250	6.35	.213	5.41
15P	1.198	30.42	1.027	26.08	.800	20.34	.135	3.42	.241	6.13	.364	9.25	.184	4.67	.250	6.35	.213	5.41
15S	1.198	30.42	1.027	26.08	.859	21.82	.194	4.94	.241	6.13	.364	9.25	.197	5.00	.250	6.35	.213	5.41
20P	1.448	36.77	1.277	32.43	1.050	26.69	.135	3.42	.241	6.13	.364	9.25	.184	4.67	.250	6.35	.213	5.41
20S	1.448	36.77	1.277	32.43	1.109	28.17	.194	4.94	.241	6.13	.364	9.25	.197	5.00	.250	6.35	.213	5.41
25P	1.698	43.12	1.527	38.78	1.300	33.04	.135	3.42	.241	6.13	.364	9.25	.184	4.67	.250	6.35	.213	5.41
25S	1.698	43.12	1.527	38.78	1.359	34.52	.194	4.94	.241	6.13	.364	9.25	.197	5.00	.250	6.35	.213	5.41
30P	1.948	49.47	1.777	45.13	1.550	39.39	.135	3.42	.241	6.13	.364	9.25	.184	4.67	.250	6.35	.213	5.41
30S	1.948	49.47	1.777	45.13	1.609	40.87	.194	4.94	.241	6.13	.364	9.25	.197	5.00	.250	6.35	.213	5.41
35P	2.198	55.82	2.027	51.48	1.800	45.74	.135	3.42	.241	6.13	.364	9.25	.184	4.67	.250	6.35	.213	5.41
35S	2.198	55.82	2.027	51.48	1.859	47.22	.194	4.94	.241	6.13	.364	9.25	.197	5.00	.250	6.35	.213	5.41

**GMSM Right Angle
Single Row PCB Connector
Low Profile Metal Shell Microminiature**

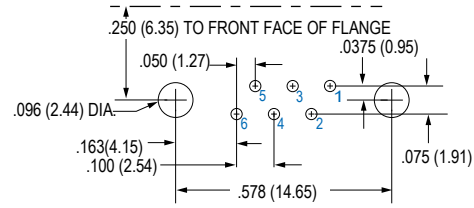


Micro-D
Single Row

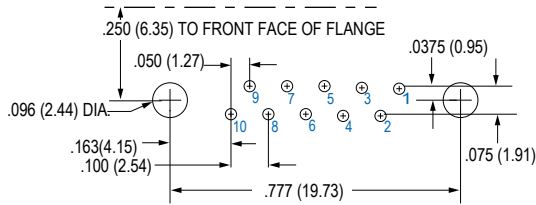
GMSM PCB Layouts – Pin Connectors



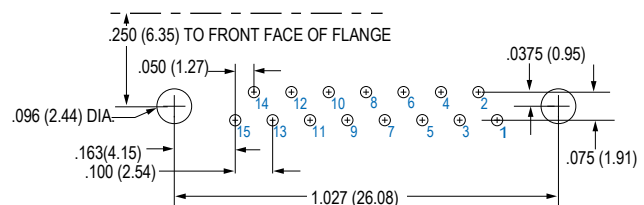
4 PIN



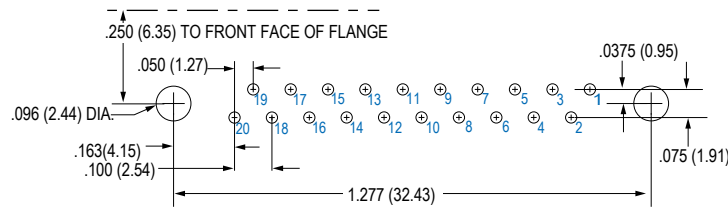
6 PIN



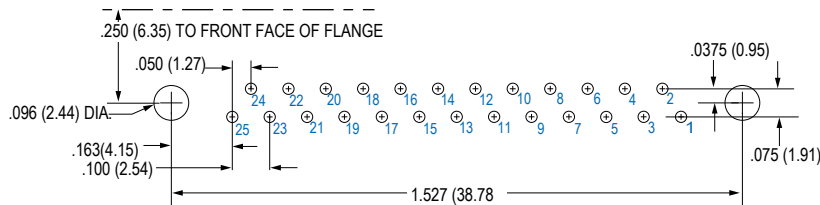
10 PIN



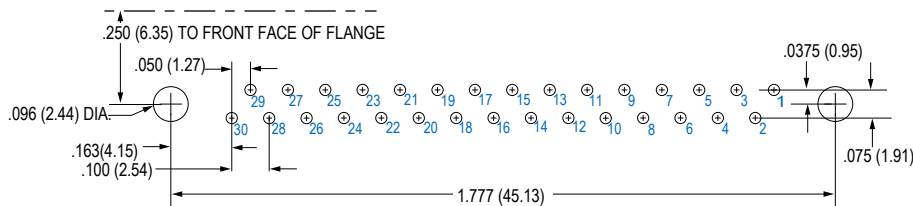
15 PIN



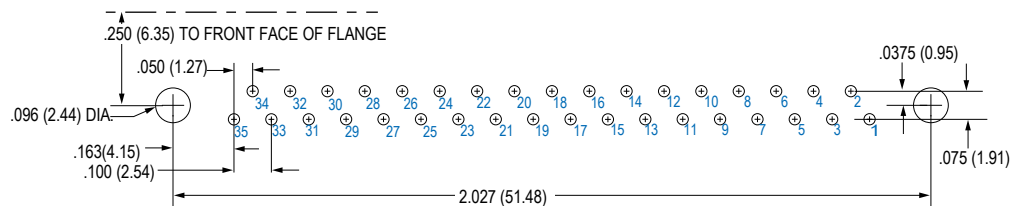
20 PIN



25 PIN



30 PIN



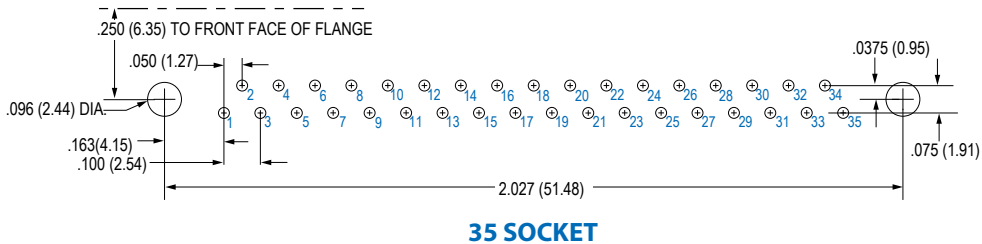
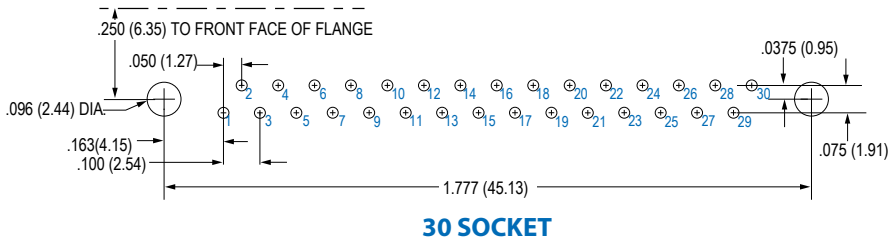
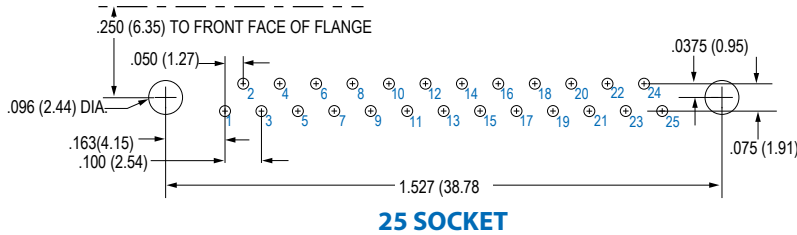
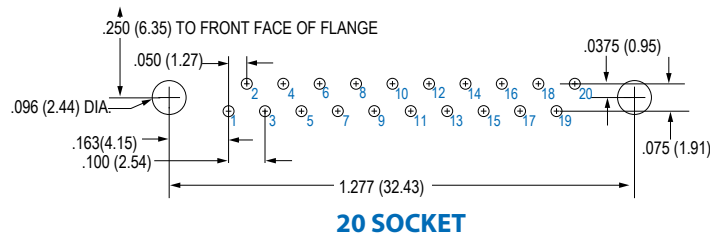
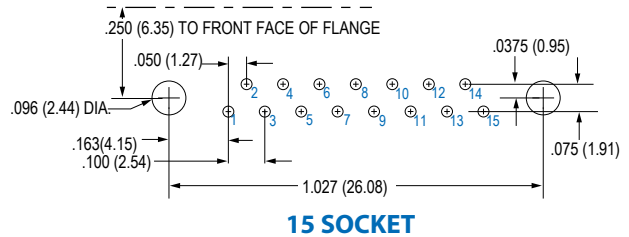
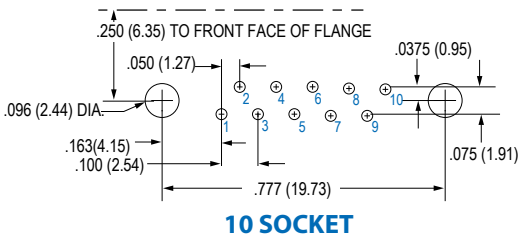
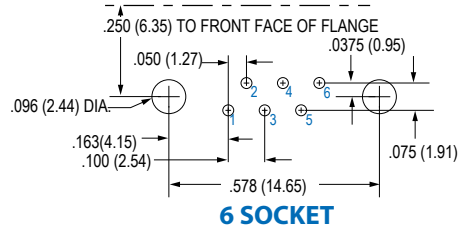
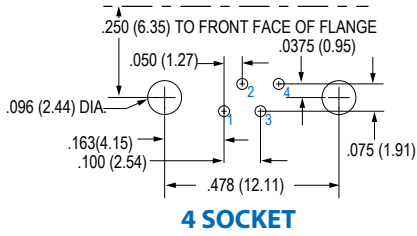
35 PIN

D



GMSM Right Angle Single Row PCB Connector Low Profile Metal Shell Microminiature

GMSM PCB Layouts – Socket Connectors



D

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