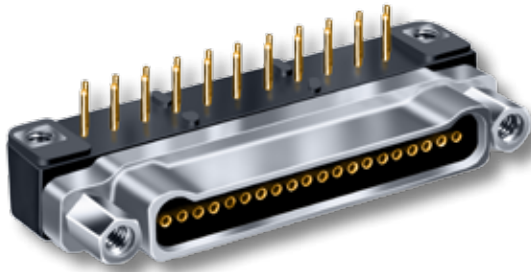


GMSM Low Profile Single Row Metal Shell Microminiature Solder Cup and Pre-Wired Connectors



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.

HOW TO ORDER GMSM RIGHT ANGLE PCB CONNECTORS

Series	Shell Finish	Number of Contacts	Contact Type	Termination Style	Hardware Option	Tail Length
GMSM	1 – Cadmium	4	P – Pin	CBR Right Angle PCB	NU – Threaded Insert Only, No Jackposts	1 – .109 (2.8)
	2 – Nickel	6	S – Socket		SU – Jackpost and Threaded Insert	
	4 – Black Anodize	10			Rear Panel Jackposts With Threaded Inserts	2 – .150 (3.8)
	5 – Gold	15				
	6 – Chem Film	20				
		25				
	Stainless Steel Shell	30				
	3 – Passivated	35			TU – 0.094" (2.4) Panel	4 – .250 (6.3)
					VU – 0.062" (1.6) Panel	
					WU – 0.047" (1.2) Panel	
					XU – 0.031" (0.8) Panel	
			YU – 0.023" (0.6) Panel			
Sample Part Number						
GMSM	2 –	10	P	CBR	SU	1

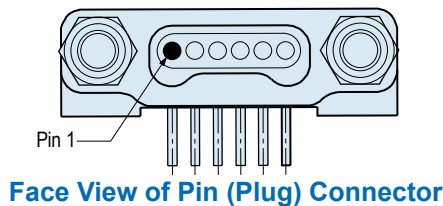
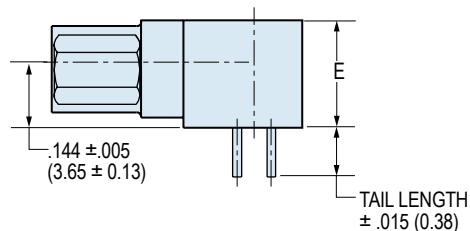
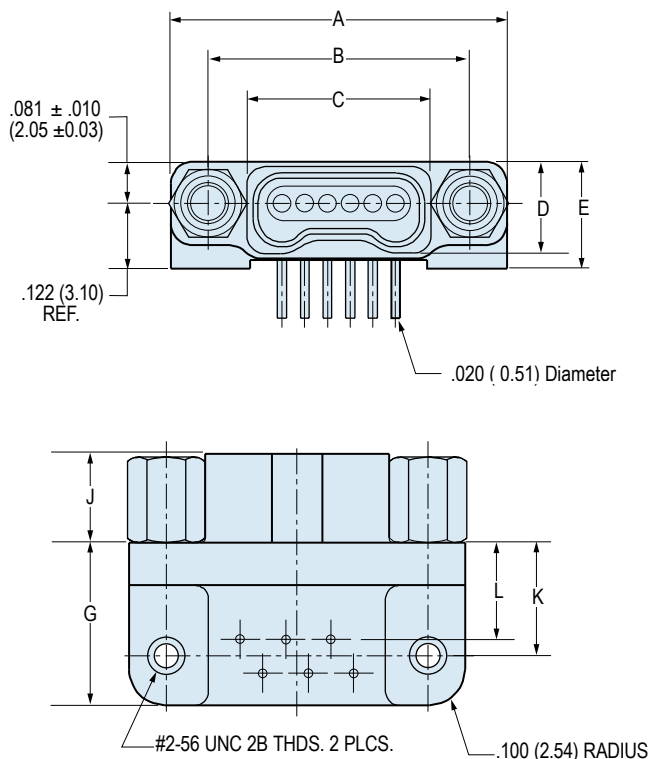
GMSM PRINTED CIRCUIT BOARD MOUNTING HARDWARE

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

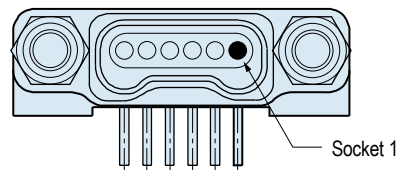


GMSM Low Profile Single Row Metal Shell Microminiature Right Angle Printed Circuit Board Connectors

D



Face View of Pin (Plug) Connector



Face View of Socket (Receptacle) Connector

DIMENSIONS

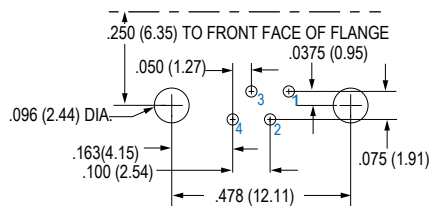
Layout	A Max.		B		C Max.		D Max.		E Max.		G Max.		J Max.		K		L	
	In.	mm.	In. ±.003	mm. ±0.08	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In. ±.004	mm. ±0.10	In. ±.010	mm. ±0.25
4P	.648	16.45	.478	12.11	.250	6.37	.135	3.42	.241	6.13	.364	9.25	.184	4.67	.250	6.35	.213	5.41
4S	.648	16.45	.478	12.11	.309	7.85	.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 Low Profile Single Row Metal Shell Microminiature Right Angle Printed Circuit Board Connectors

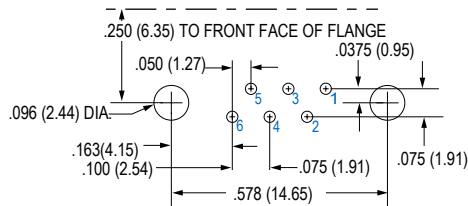


Micro-D
Single Row

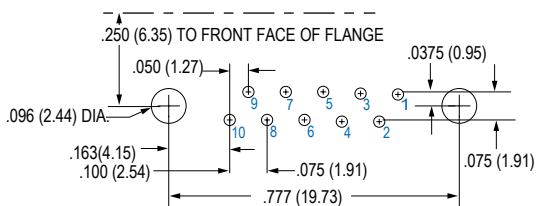
GMSM PCB LAYOUTS – PIN CONNECTORS



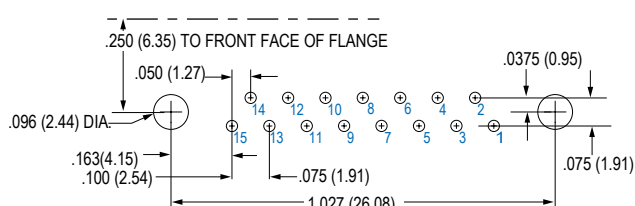
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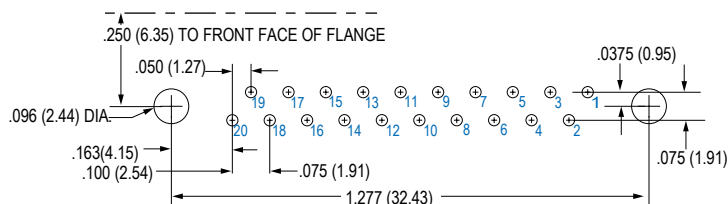
6 Pin



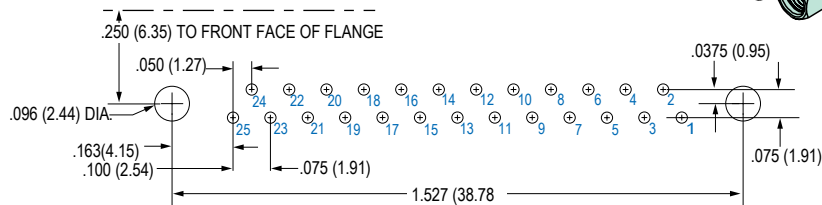
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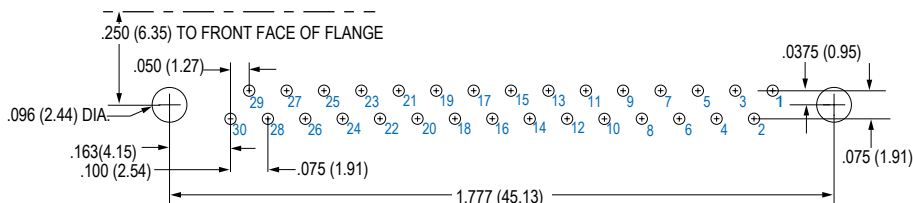
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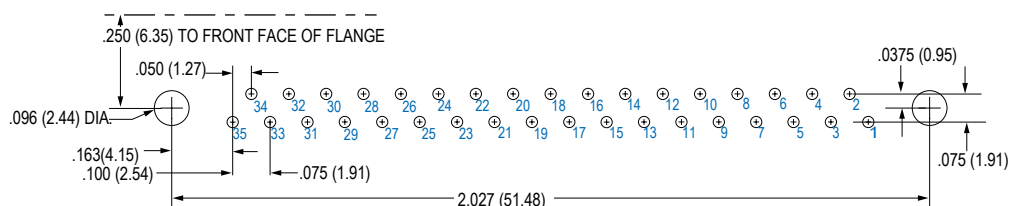
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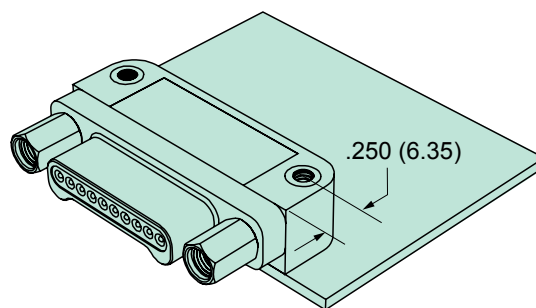
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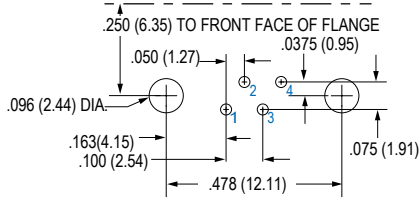
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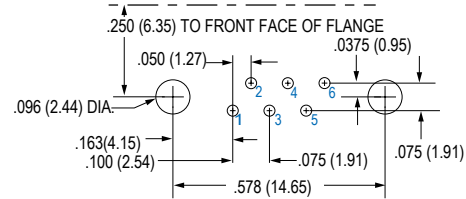
35 Pin



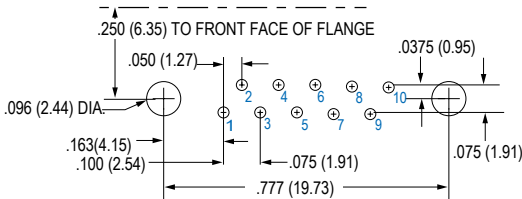
GMSM PCB LAYOUTS – SOCKET CONNECTORS



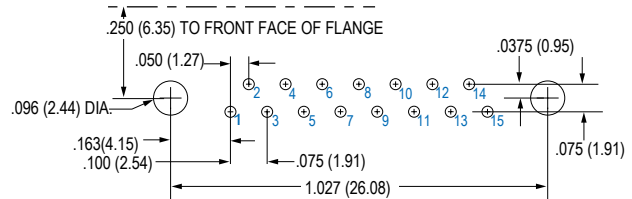
4 Pin



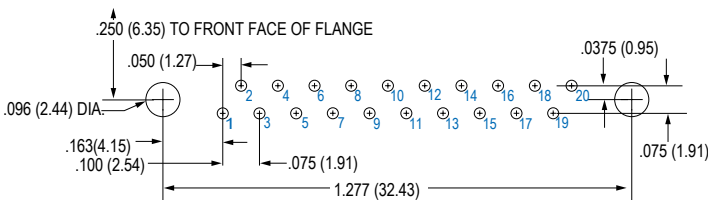
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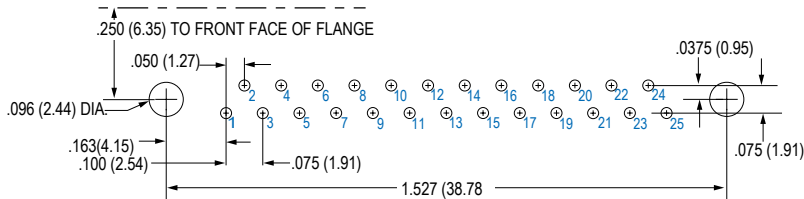
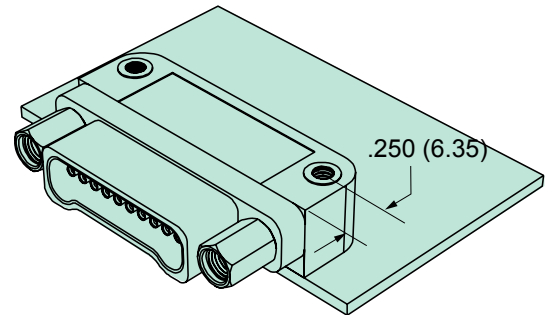
10 Pin



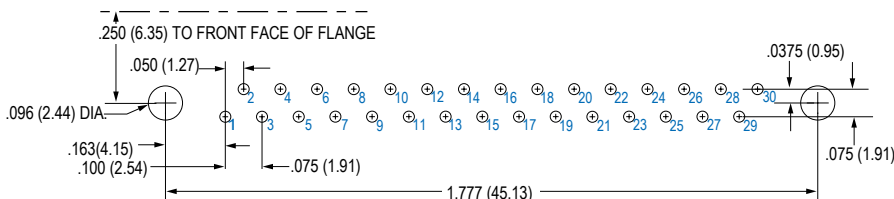
15 Pin



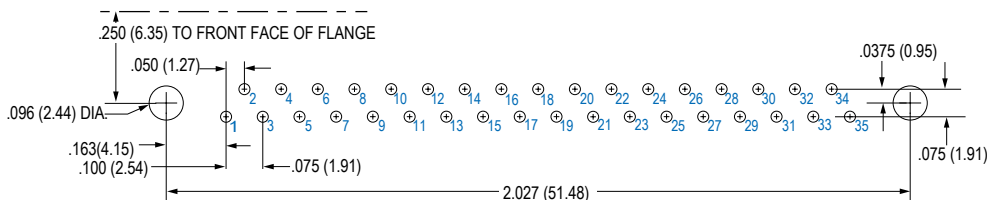
20 Pin



25 Pin



30 Pin



35 Pin