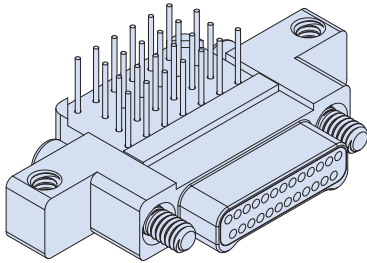


Right Angle Mount Thru Hole PCB Connectors with Mounting Ears - PCB Footprint



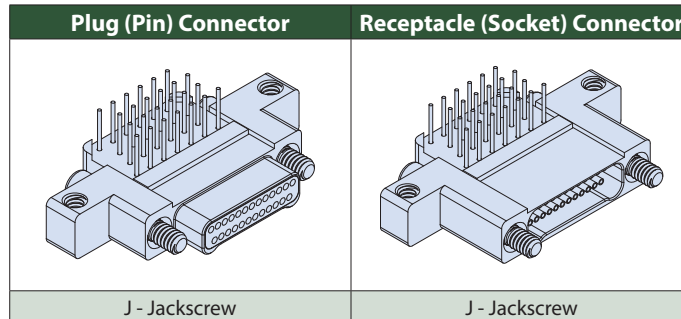
Right Angle Mount PCB Nano Connectors feature gold alloy TwistPin contacts. These nanominiature connectors offer premium performance and reliability for demanding applications. Available with female mounting threads and jackscrews for use with printed circuits boards.

Choose Aluminum, Titanium or Stainless Steel Shells in eleven layouts from 9 to 85 contacts. Complies to the requirements of MIL-DTL-32139. These connectors are intermateable with any M32139 compliant connector or Glenair Series 891 Dual row metal shell nanominiature connector.

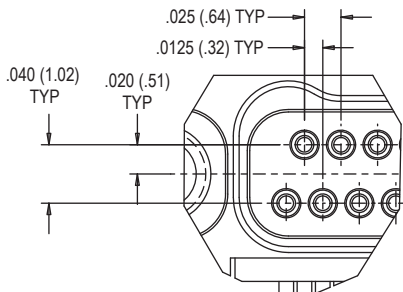
Pre-Tinned PC Tails are coated with Sn63Pb37 or Sn60Pb40 tin-lead for excellent solderability.

How to Order								
Sample Part Number			891-044	-25S	A2	-BRT	1	J
Series	891-043 Plug, Right Angle Thru Hole PCB Connector with Mounting Ears 891-044 Receptacle, Right Angle Thru Hole PCB Connector with Mounting Ears							
Insert Arrangement/ Contact Type	Pins (891-043 Plugs): 9P, 15P, 21P, 25P, 31P, 37P, 41P, 51P, 65P, 69P, 85P Sockets (891-044 Receptacles): 9S, 15S, 21S, 25S, 31S, 37S, 41S, 51S, 65S, 69S, 85S							
Shell Material and Finish	A1 - Aluminum Shell, Cadmium Plating A2 - Aluminum Shell, Electroless Nickel Plating		T - Titanium Shell, Unplated S - Stainless Steel Shell, Passivated					
Termination Type	BRT - Board Right Angle Thru Hole							
PC Tail Length	1 - .110 (2.79)	2 - .172 (4.37)	3 - .140 (3.56)					
Hardware	J - Hex Head Jackscrew							

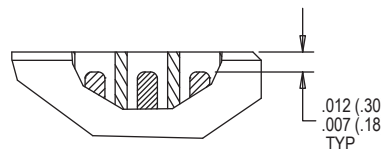
D



DETAIL A

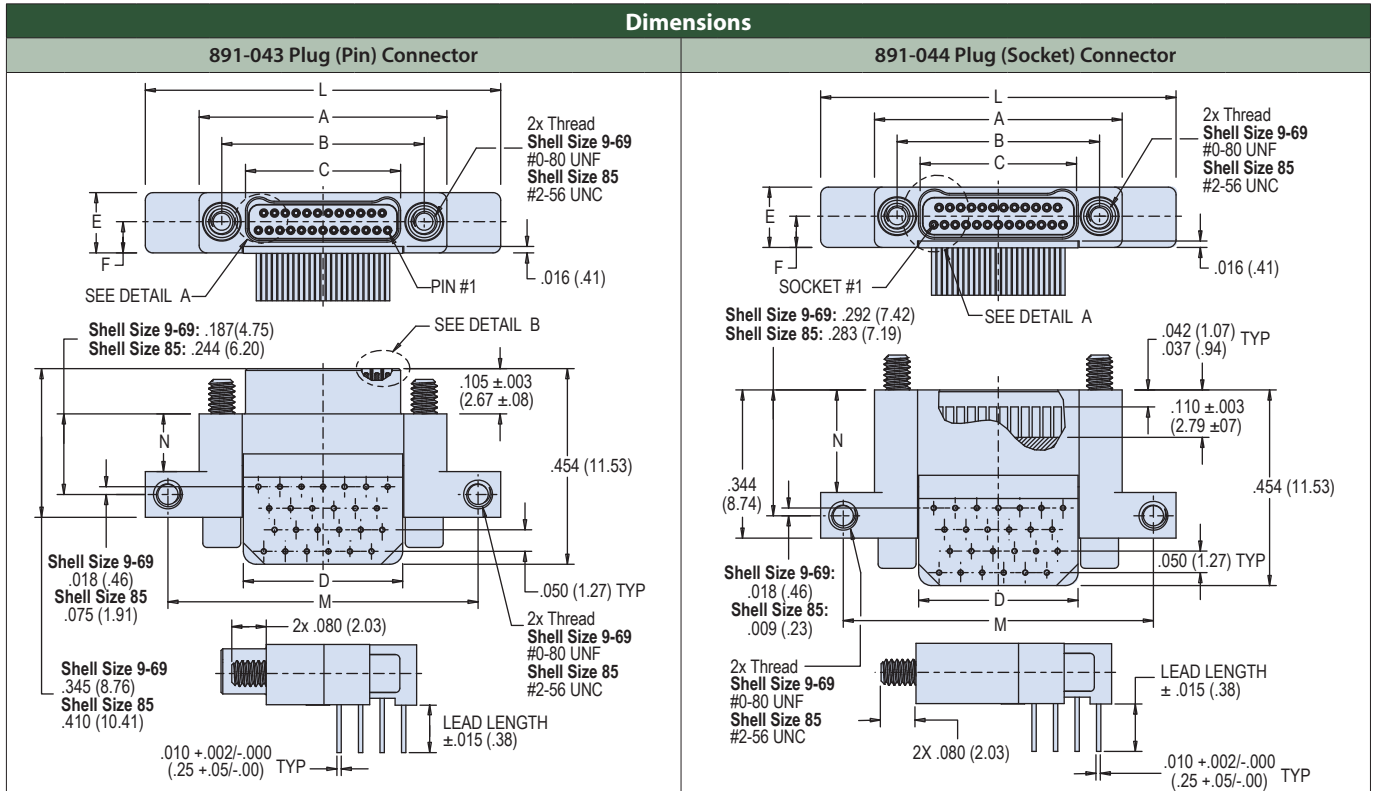


DETAIL B



NOTES

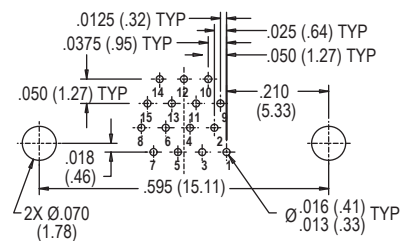
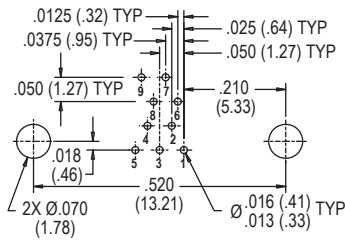
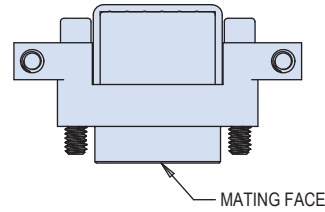
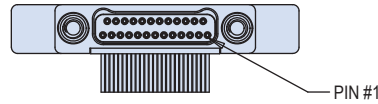
1. Inspect and test IAW MIL-DTL-32139
2. Interface dimensions per MIL-DTL-32139/3 and /4
3. Materials/finishes
 - Shell: see part number break down
 - Insulator: LCP/N/A
 - Contacts: gold alloy / unplated
 - Pre-tinned PC tails: coated with Sn63Pb37 or Sn60Pb40 tin-lead
 - Hardware: passivated stainless steel



Size	A		B BSC.		C BSC.		D		E		F		L		M BSC		N	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
9P	.375	9.52	.270	6.86	.160	4.06	.170	4.32	.140	3.56	.0725	1.84	.625	15.88	.520	13.21	.134	3.40
9S	.375	9.53	.270	6.86	.163	4.14	.170	4.32	.140	3.56	.0725	1.84	.625	15.88	.520	13.21	.238	6.05
15P	.450	11.43	.345	8.76	.235	5.97	.245	6.22	.140	3.56	.0725	1.84	.700	17.78	.595	15.11	.134	3.40
15S	.450	11.43	.345	8.76	.238	6.05	.245	6.22	.140	3.56	.0725	1.84	.700	17.78	.595	15.11	.238	6.05
21P	.525	13.33	.420	10.67	.310	7.87	.320	8.13	.140	3.56	.0725	1.84	.775	19.69	.670	17.02	.134	3.40
21S	.525	13.34	.420	10.67	.313	7.95	.320	8.13	.140	3.56	.0725	1.84	.775	19.69	.670	17.02	.238	6.05
25P	.575	14.60	.470	11.94	.360	9.14	.370	9.40	.140	3.56	.0725	1.84	.825	20.96	.720	18.29	.134	3.40
25S	.575	14.61	.470	11.94	.363	9.22	.370	9.40	.140	3.56	.0725	1.84	.825	20.96	.720	18.29	.238	6.05
31P	.650	16.51	.545	13.84	.435	11.05	.445	11.30	.140	3.56	.0725	1.84	.900	22.86	.795	20.19	.134	3.40
31S	.650	16.51	.545	13.84	.438	11.13	.445	11.30	.140	3.56	.0725	1.84	.900	22.86	.795	20.19	.238	6.05
37P	.725	18.41	.620	15.75	.510	12.95	.520	13.21	.140	3.56	.0725	1.84	.975	24.77	.870	22.10	.134	3.40
37S	.725	18.42	.620	15.75	.513	13.03	.520	13.21	.140	3.56	.0725	1.84	.975	24.77	.870	22.10	.238	6.05
41P	.775	19.69	.670	17.02	.560	14.23	.570	14.48	.140	3.56	.0725	1.84	1.025	26.04	.920	23.37	.134	3.40
41S	.775	19.69	.670	17.02	.563	14.30	.570	14.48	.140	3.56	.0725	1.84	1.025	26.04	.920	23.37	.238	6.05
51P	.900	22.86	.795	20.19	.685	17.40	.695	17.65	.140	3.56	.0725	1.84	1.150	29.21	1.045	26.54	.134	3.40
51S	.900	22.86	.795	20.19	.688	17.48	.695	17.65	.140	3.56	.0725	1.84	1.150	29.21	1.045	26.54	.238	6.05
65P	1.075	27.30	.970	24.64	.860	21.84	.870	22.10	.140	3.56	.0725	1.84	1.325	33.66	1.220	30.99	.134	3.40
65S	1.075	27.31	.970	24.64	.863	21.92	.870	22.10	.140	3.56	.0725	1.84	1.325	33.66	1.220	30.99	.238	6.05
69P	1.125	28.57	1.020	25.91	.910	23.11	.920	23.37	.140	3.56	.0725	1.84	1.375	34.93	1.270	32.26	.134	3.40
69S	1.125	28.58	1.020	25.91	.913	23.19	.920	23.37	.140	3.56	.0725	1.84	1.375	34.93	1.270	32.26	.238	6.05
85P	1.377	34.97	1.246	31.65	1.110	28.19	1.120	28.45	.165	4.19	.0850	2.16	1.679	42.65	1.546	39.27	.183	4.65
85S	1.377	34.98	1.246	31.65	1.113	28.27	1.120	28.45	.165	4.19	.0850	2.16	1.679	42.65	1.546	39.27	.222	5.64

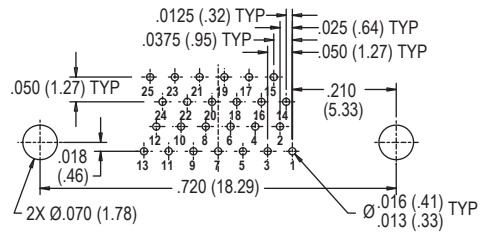
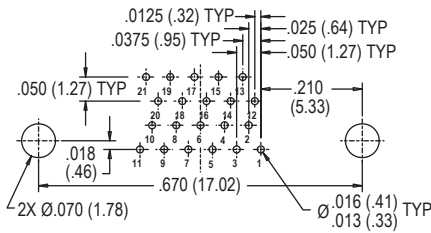


Right Angle Mount Thru Hole PCB Connectors with Mounting Ears - PCB Plug Footprint



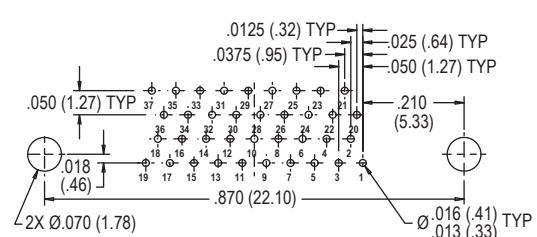
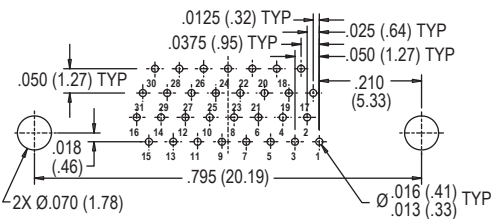
9 Contacts

15 Contacts



21 Contacts

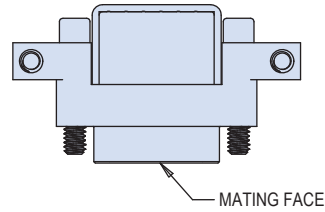
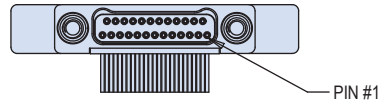
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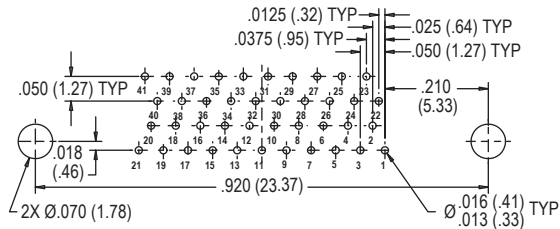
31 Contacts

37 Contacts

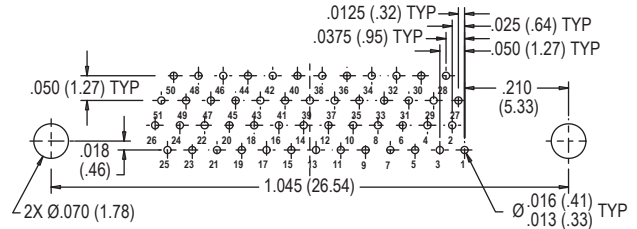
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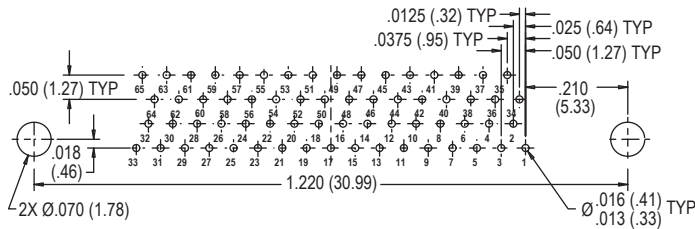
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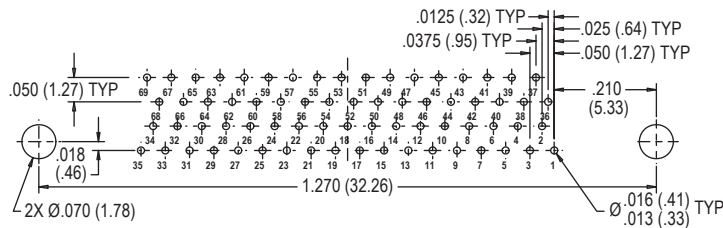
41 Contacts



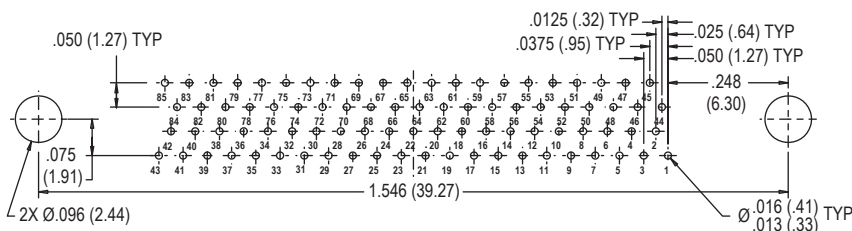
51 Contacts



65 Contacts

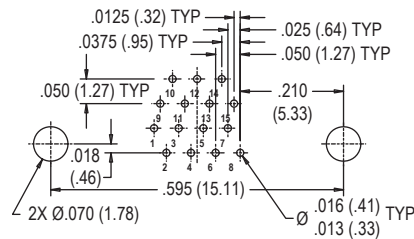
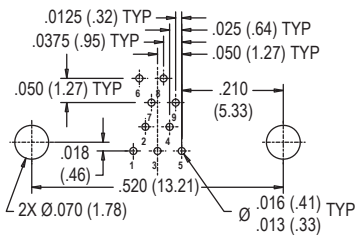
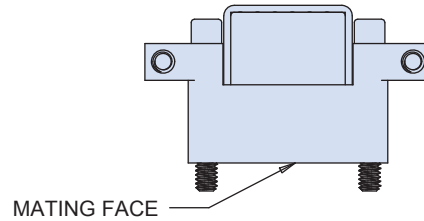
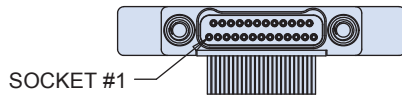


69 Contacts



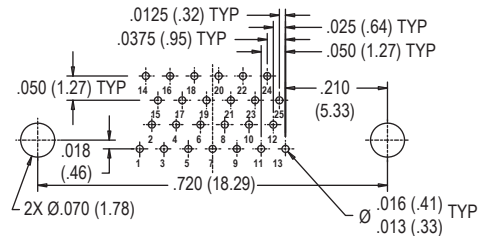
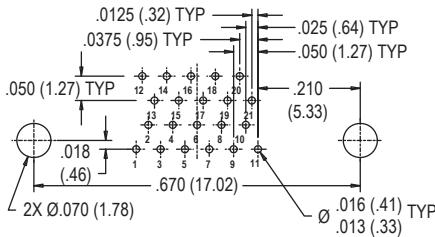
85 Contacts





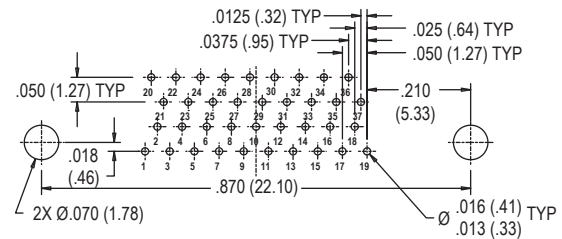
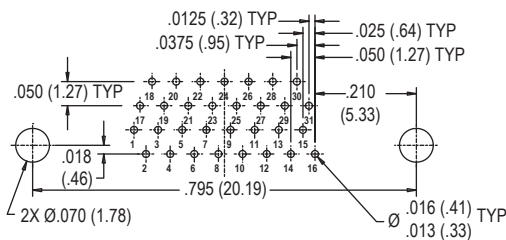
9 Contacts

15 Contacts



21 Contacts

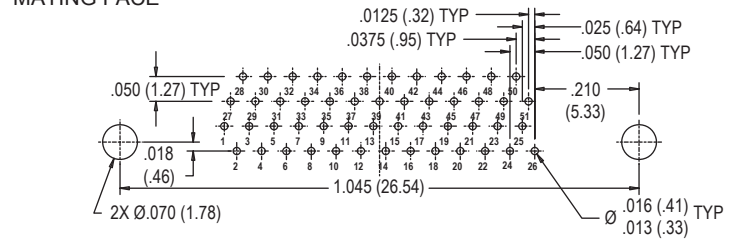
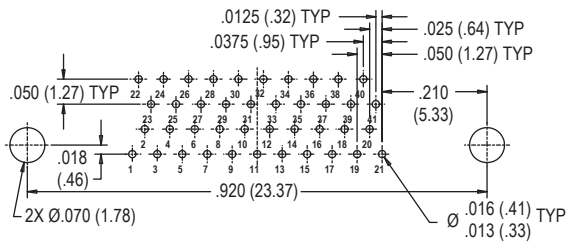
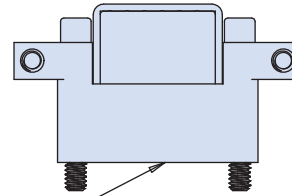
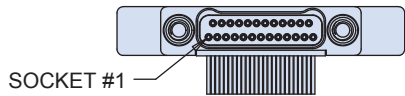
25 Contacts



31 Contacts

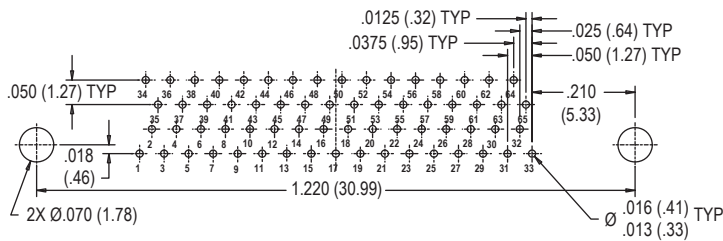
37 Contacts

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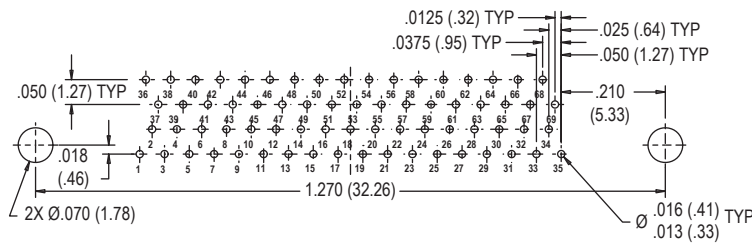


41 Contacts

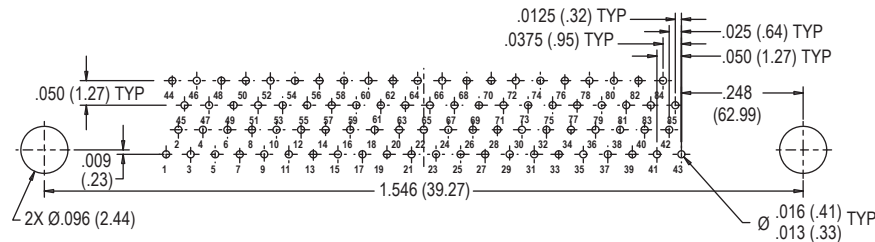
51 Contacts



65 Contacts



69 Contacts



85 Contacts

