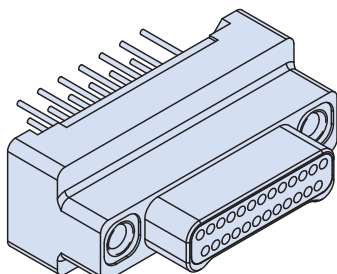




SERIES 89 Dual Row Connectors



Vertical Mount Thru Hole PCB Connectors How to Order



Vertical Mount Thru Hole PCB Nano Connectors feature gold alloy TwistPin contacts. These nanominiature connectors offer premium performance and reliability for demanding applications. Available with female threads, or with jackscrews for use with flexible circuits.

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 corresponding 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	891-007	-25S	A2	-BST	1	T
Series	891-006 Plug, Vertical Mount PCB Connector 891-007 Receptacle, Vertical Mount PCB Connector					
Insert Arrangement/ Contact Type	Pins (891-006 Plugs) 9P, 15P, 21P, 25P, 31P, 37P, 41P, 51P, 65P, 69P, 85P Sockets (891-007 Receptacles) 9S, 15S, 21S, 25S, 31S, 37S, 41S, 51S, 65S, 69S, 85S					
Shell Material and Finish	A1 - Aluminum Shell, Cadmium Plating S - Stainless Steel Shell, Passivated A2 - Aluminum Shell, Electroless Nickel Plating T - Titanium Shell, Unplated					
Termination Type	BST - Board Straight Thru Hole					
PC Tail Length	1 - .110 (2.79) 2 - .172 (4.37) 3 - .140 (3.56)					
Hardware	J - Jackscrew T - Female Thread					

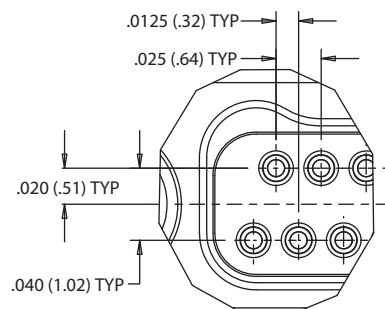
D

Plug (Pin) Connector		Receptacle (Socket) Connector	
T - Female Thread Option	J - Jackscrew Option	T - Female Thread Option	J - Jackscrew Option

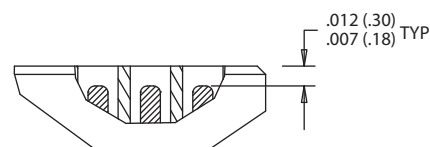
NOTES

- Inspect and test IAW MIL-DTL-32139
- Interface dimensions per MIL-DTL-32139/3 and /4
- 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

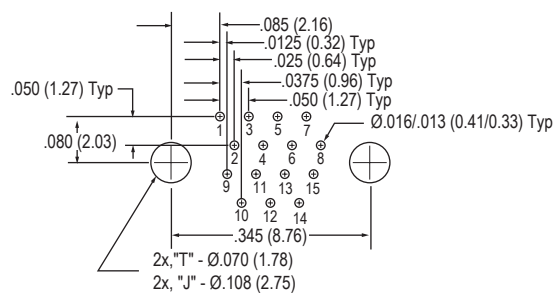
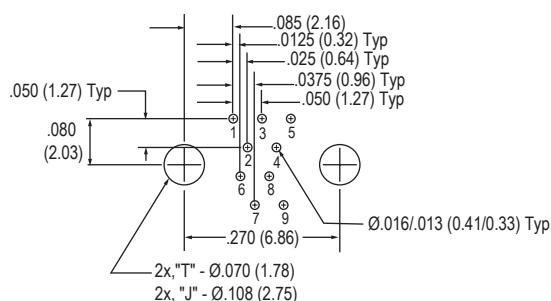
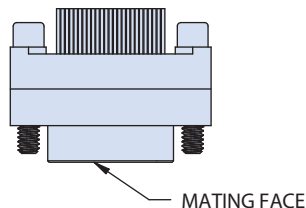
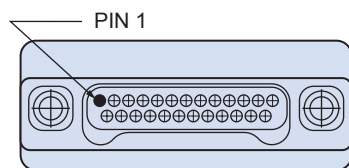
DETAIL A



DETAIL B

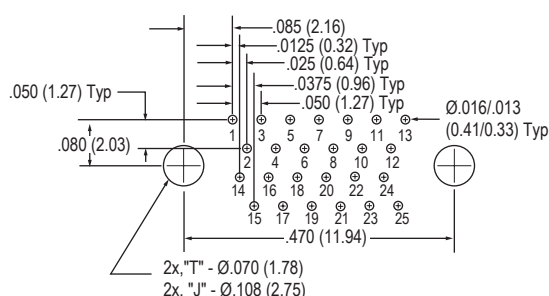
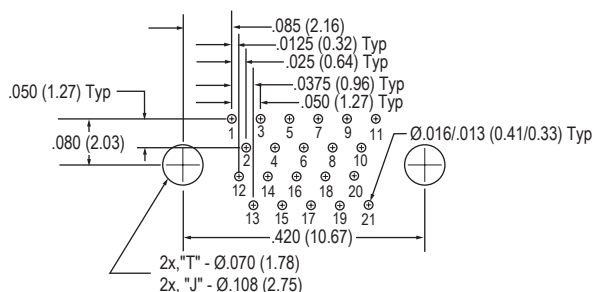


Dimensions													
891-006 Plug (Pin) Connectors							891-007 Receptacle (Socket) Connectors						
Layout	A		B BSC.		C BSC.		D		E		F		G Thread
	In. ± .005	mm. ± .13	In.	mm.	In.	mm.	In. ± .005	mm ± 0.13.	In.	mm.	In.	mm.	
9P	.375	9.52	.270	6.86	.160	4.06	.170	4.32	.125	3.18	.0575	1.46	#0-80 UNF
9S	.375	9.52	.270	6.86	.163	4.14	.170	4.32	.125	3.18	.0575	1.46	#0-80 UNF
15P	.450	11.43	.345	8.76	.235	5.97	.245	6.22	.125	3.18	.0575	1.46	#0-80 UNF
15S	.450	11.43	.345	8.76	.238	6.04	.245	6.22	.125	3.18	.0575	1.46	#0-80 UNF
21P	.525	13.33	.420	10.67	.310	7.87	.320	8.13	.125	3.18	.0575	1.46	#0-80 UNF
21S	.525	13.33	.420	10.67	.313	7.95	.320	8.13	.125	3.18	.0575	1.46	#0-80 UNF
25P	.575	14.60	.470	11.94	.360	9.14	.370	9.40	.125	3.18	.0575	1.46	#0-80 UNF
25S	.575	14.60	.470	11.94	.363	9.22	.370	9.40	.125	3.18	.0575	1.46	#0-80 UNF
31P	.650	16.51	.545	13.84	.435	11.05	.445	11.30	.125	3.18	.0575	1.46	#0-80 UNF
31S	.650	16.51	.545	13.84	.438	11.12	.445	11.30	.125	3.18	.0575	1.46	#0-80 UNF
37P	.725	18.41	.620	15.75	.510	12.95	.520	13.21	.125	3.18	.0575	1.46	#0-80 UNF
37S	.725	18.41	.620	15.75	.513	13.03	.520	13.21	.125	3.18	.0575	1.46	#0-80 UNF
41P	.775	19.69	.670	17.02	.560	14.23	.570	14.48	.125	3.18	.0575	1.46	#0-80 UNF
41S	.775	19.69	.670	17.02	.563	14.30	.570	14.48	.125	3.18	.0575	1.46	#0-80 UNF
51P	.900	22.86	.795	20.19	.685	17.40	.695	17.65	.125	3.18	.0575	1.46	#0-80 UNF
51S	.900	22.86	.795	20.19	.688	17.47	.695	17.65	.125	3.18	.0575	1.46	#0-80 UNF
65P	1.075	27.30	.970	24.64	.860	21.84	.870	22.10	.125	3.18	.0575	1.46	#0-80 UNF
65S	1.075	27.30	.970	24.64	.863	21.92	.870	22.10	.125	3.18	.0575	1.46	#0-80 UNF
69P	1.125	28.57	1.020	25.91	.910	23.11	.920	23.37	.125	3.18	.0575	1.46	#0-80 UNF
69S	1.125	28.57	1.020	25.91	.913	23.19	.920	23.37	.125	3.18	.0575	1.46	#0-80 UNF
85P	1.377	34.97	1.246	31.65	1.110	28.19	1.120	28.45	.150	3.81	.0700	1.78	#2-56 UNC
85S	1.377	34.97	1.246	31.65	1.113	28.27	1.120	28.45	.150	3.81	.0700	1.78	#2-56 UNC



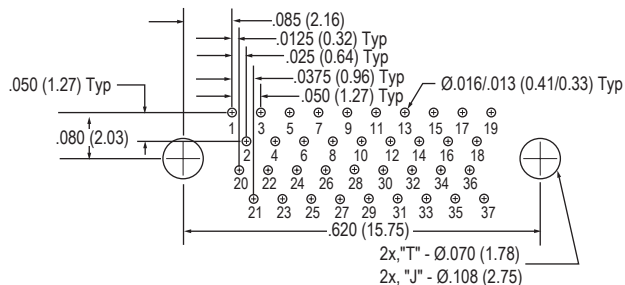
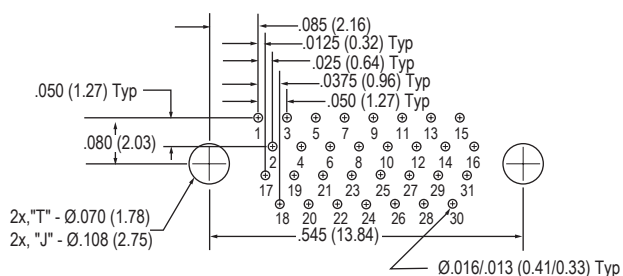
9 Contacts

15 Contacts



21 Contacts

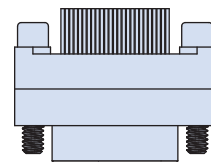
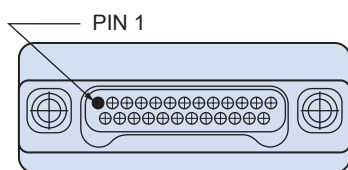
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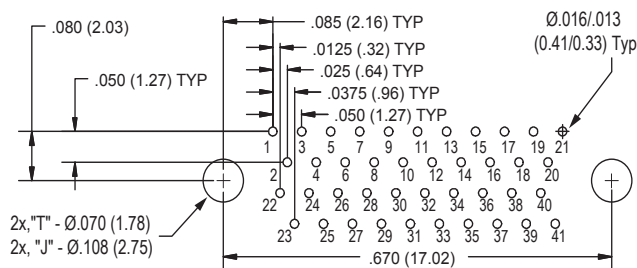
31 Contacts

37 Contacts

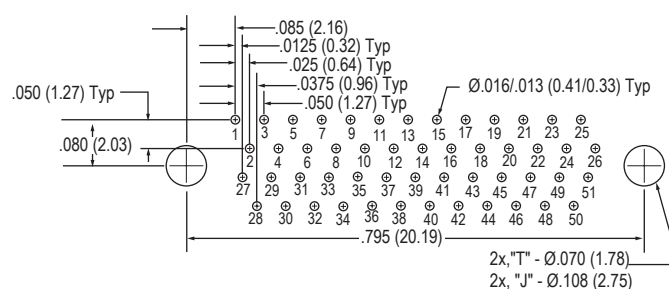
Layouts shown are for connector mounting side of PC Board.



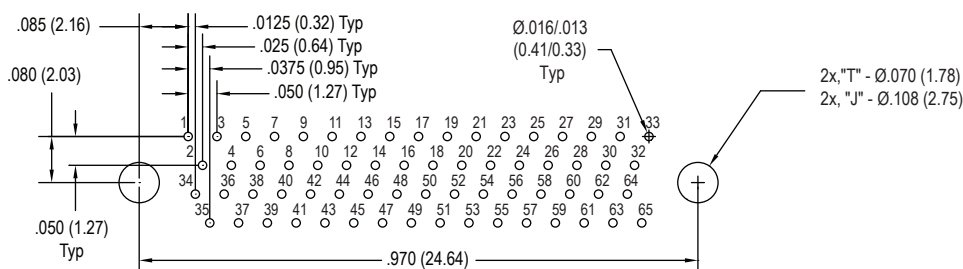
MATING FACE



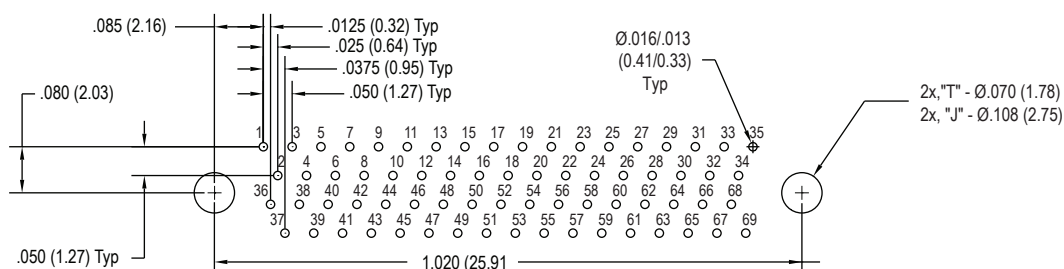
41 Contacts



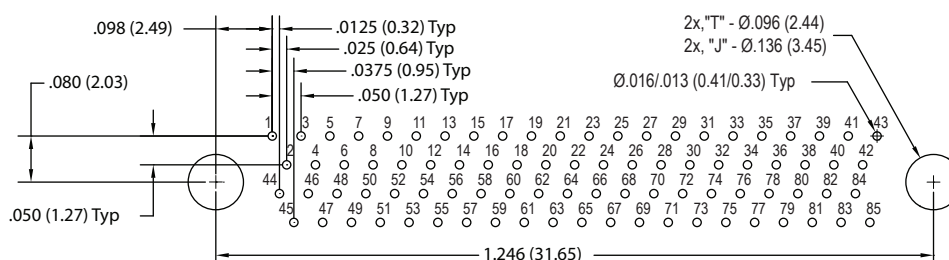
51 Contacts



65 Contacts

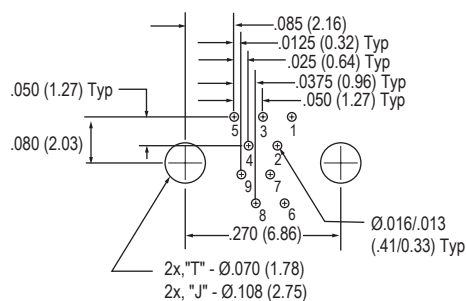
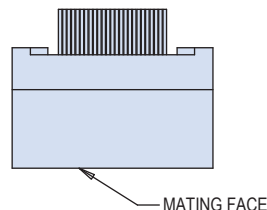
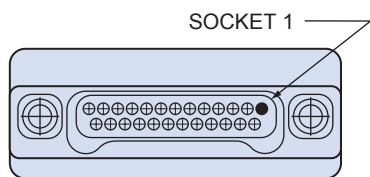


69 Contacts

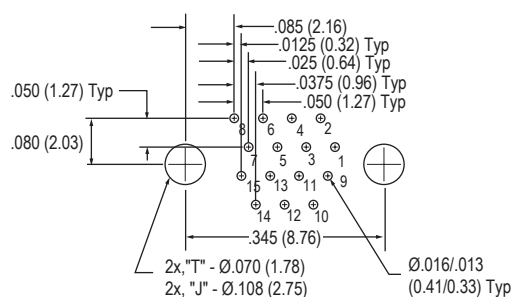


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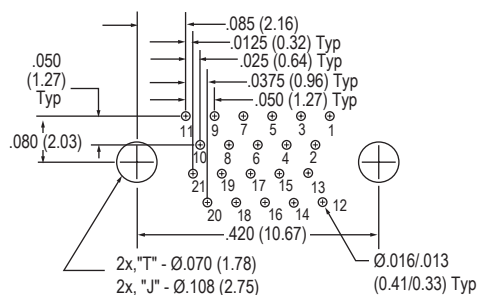
Layouts shown are for connector mounting side of PC Board.



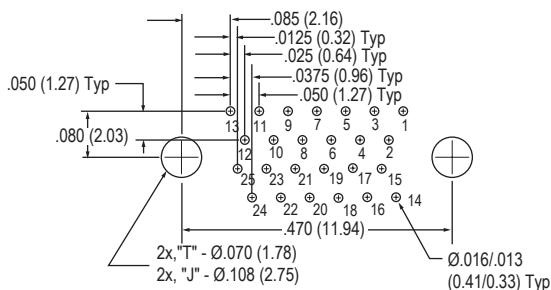
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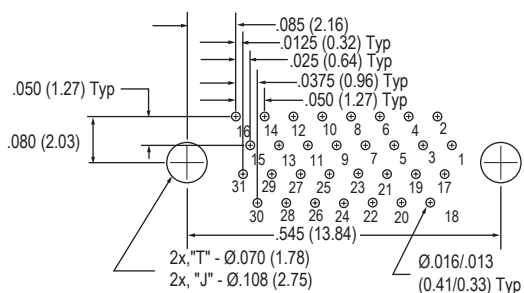
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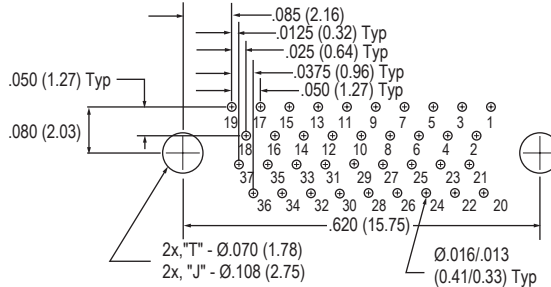
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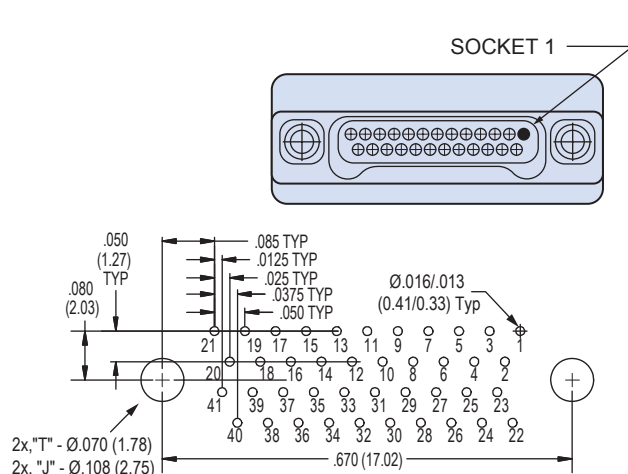


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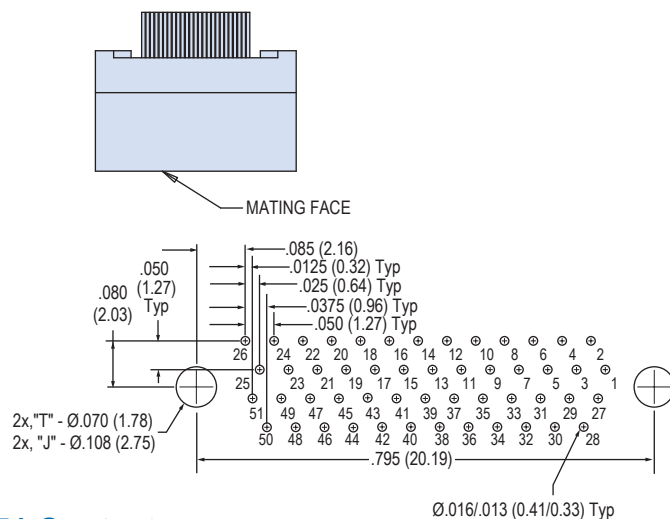


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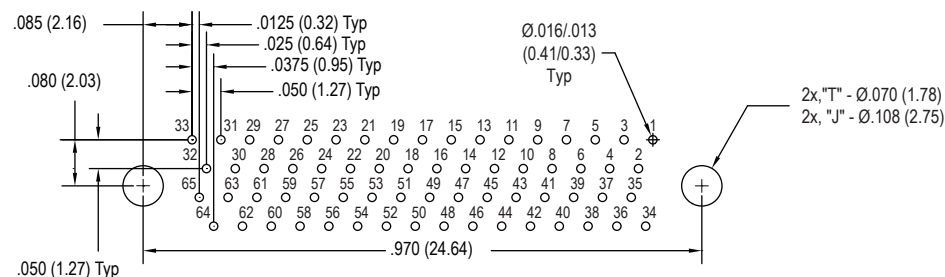
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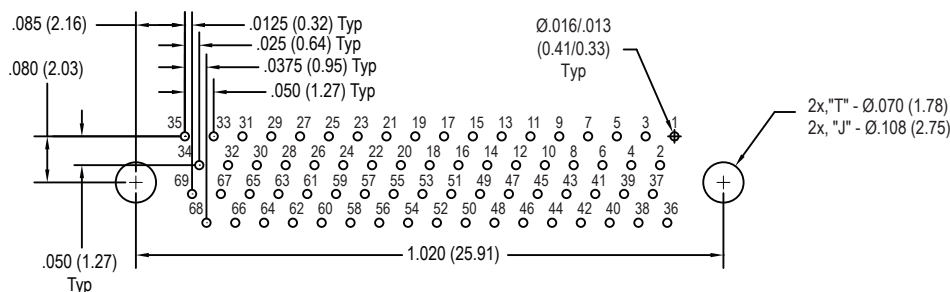
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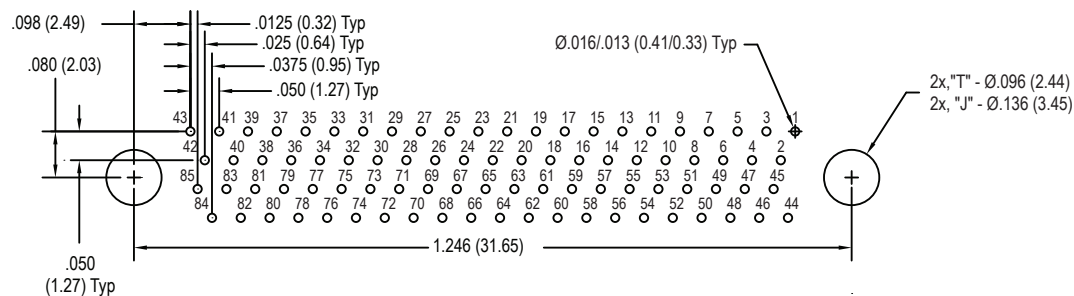
51 Contacts



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Layouts shown are for connector mounting side of PC Board.