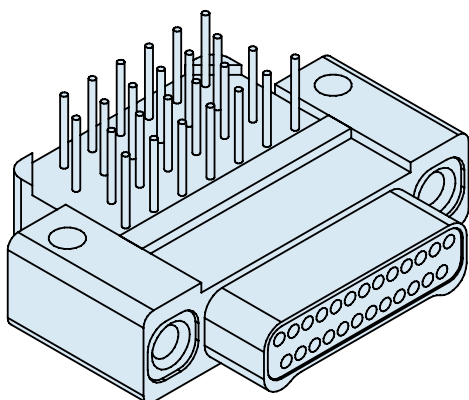


891-008 and 891-009 Right Angle Mount PCB, Dual Row Nano Connector Thru Hole Type



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 threads, or with jackscrews for use with flexible circuits.

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

Choose Aluminum, Titanium or Stainless Steel Shells in ten 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.

How to Order Right Angle Mount PCB Connectors

Sample Part Number	891-009	-31S	T	-BRT	1	T
Series	891-008 Plug, Pin Contacts, Dual Row, Right Angle PCB Nanominiature 891-009 Receptacle, Socket Contacts, Dual Row, Right Angle PCB Nanominiature					
Insert Arrangement/ Contact Type	Plugs (891-008): 9P , 15P , 21P , 25P , 31P , 37P , 51P , 65P , 69P , 85P Receptacles (891-009): 9S , 15S , 21S , 25S , 31S , 37S , 51S , 65S , 69S , 85S					
Shell Material and Finish	A1 - Aluminum Shell, Cadmium Plating T - Titanium Shell, Unplated A2 - Aluminum Shell, Electroless Nickel Plating S - Stainless Steel Shell, Passivated					
Termination Type	BRT - Board Right Angle Thru-Hole					
PC Tail Length	1 - .110 Inch (2.79 mm) 2 - .172 Inch (4.37 mm) 3 - .140 (3.56mm)					
Hardware	J - Jackscrew T - Female Thread					

Dimensions in inches (millimeters) and are subject to change without notice.

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Series 89 Nano Catalog

U.S. CAGE Code 06324/0CA77

Printed in U.S.A.

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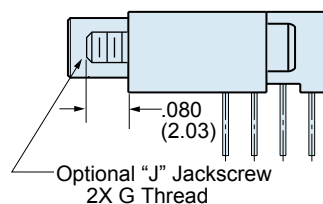
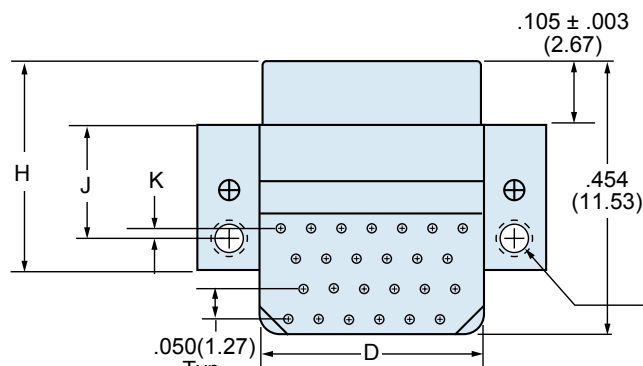
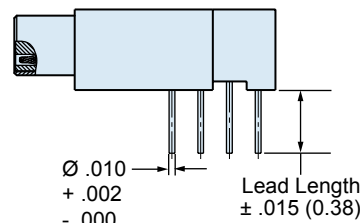
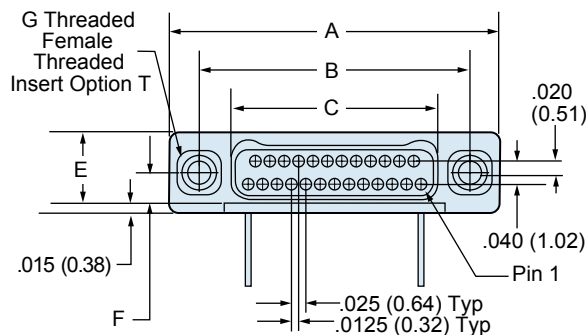


891-008 and 891-009

Right Angle Mount PCB, Dual Row Nano Connector Thru Hole Type

Dual Row Right Angle PCB Nano Dimensions

891-008 Plug (Pin) Connectors



2x G Thread
Mounting Hole.
Only Available
on "T" Option

Table continued on right

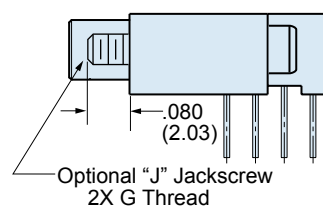
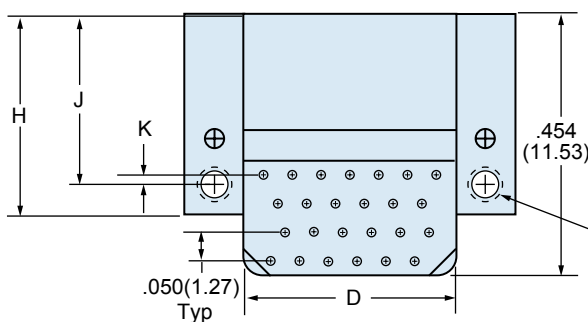
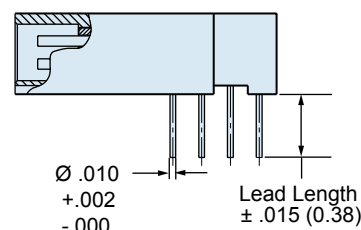
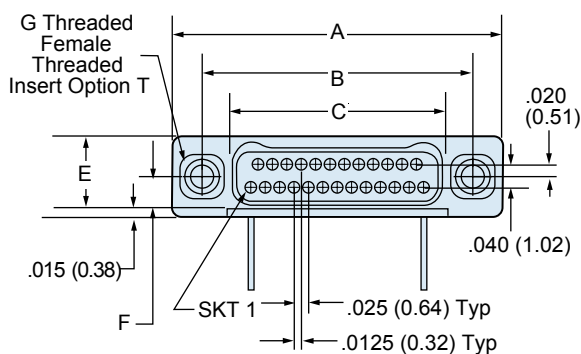
Layout	A		B BSC.		C BSC.		D		G THREAD
	In. ± .005	mm. ± 0.13	In.	mm.	In.	mm.	In. ± .005	mm. ± 0.13	
9P	.375	9.52	.270	6.86	.160	4.06	.170	4.32	#0-80 UNF
9S	.375	9.52	.270	6.86	.163	4.14	.170	4.32	#0-80 UNF
15P	.450	11.43	.345	8.76	.235	5.97	.245	6.22	#0-80 UNF
15S	.450	11.43	.345	8.76	.238	6.04	.245	6.22	#0-80 UNF
21P	.525	13.33	.420	10.67	.310	7.87	.320	8.13	#0-80 UNF
21S	.525	13.33	.420	10.67	.313	7.95	.320	8.13	#0-80 UNF
25P	.575	14.60	.470	11.94	.360	9.14	.370	9.40	#0-80 UNF
25S	.575	14.60	.470	11.94	.363	9.22	.370	9.40	#0-80 UNF
31P	.650	16.51	.545	13.84	.435	11.05	.445	11.30	#0-80 UNF
31S	.650	16.51	.545	13.84	.438	11.12	.445	11.30	#0-80 UNF
37P	.725	18.41	.620	15.75	.510	12.95	.520	13.21	#0-80 UNF
37S	.725	18.41	.620	15.75	.513	13.03	.520	13.21	#0-80 UNF
51P	.900	22.86	.795	20.19	.685	17.40	.695	17.65	#0-80 UNF
51S	.900	22.86	.795	20.19	.688	17.47	.695	17.65	#0-80 UNF
65P	1.075	27.30	.970	24.64	.860	21.84	.870	22.10	#0-80 UNF
65S	1.075	27.30	.970	24.64	.863	21.92	.870	22.10	#0-80 UNF
69P	1.125	28.57	1.020	25.91	.910	23.11	.920	23.37	#0-80 UNF
69S	1.125	28.57	1.020	25.91	.913	23.19	.920	23.37	#0-80 UNF
85P	1.377	34.97	1.246	31.65	1.110	28.19	1.120	28.45	#2-56 UNC
85S	1.377	34.97	1.246	31.65	1.113	28.27	1.120	28.45	#2-56 UNC

891-008 and 891-009 Right Angle Mount PCB, Dual Row Nano Connector Thru Hole Type



Dual Row Right Angle PCB Nano Dimensions

891-009 Receptacle (Socket) Connectors

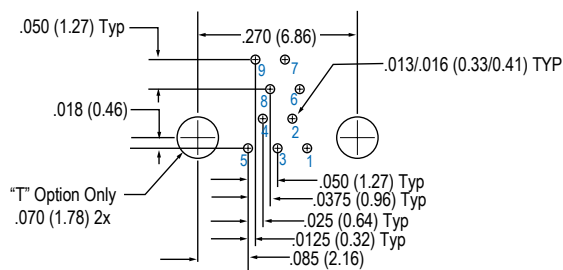
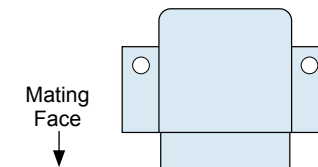
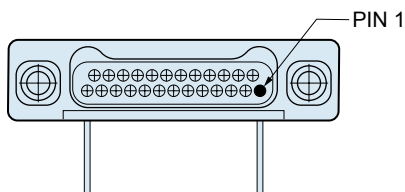


Layout	E		F BSC		H		J		K		G THREAD
	In. ±.005	mm ±0.13	In.	mm	In. ±.005	mm ± 0.13	In. ± .005	mm ± 0.13	In. ±.005	mm ±0.13	
9P	.125	3.18	.0575	1.46	.345	8.76	.187	4.75	.018	.46	#0-80 UNF
9S	.125	3.18	.0575	1.46	.345	8.76	.292	7.42	.018	.46	#0-80 UNF
15P	.125	3.18	.0575	1.46	.345	8.76	.187	4.75	.018	.46	#0-80 UNF
15S	.125	3.18	.0575	1.46	.345	8.76	.292	7.42	.018	.46	#0-80 UNF
21P	.125	3.18	.0575	1.46	.345	8.76	.187	4.75	.018	.46	#0-80 UNF
21S	.125	3.18	.0575	1.46	.345	8.76	.292	7.42	.018	.46	#0-80 UNF
25P	.125	3.18	.0575	1.46	.345	8.76	.187	4.75	.018	.46	#0-80 UNF
25S	.125	3.18	.0575	1.46	.345	8.76	.292	7.42	.018	.46	#0-80 UNF
31P	.125	3.18	.0575	1.46	.345	8.76	.187	4.75	.018	.46	#0-80 UNF
31S	.125	3.18	.0575	1.46	.345	8.76	.292	7.42	.018	.46	#0-80 UNF
37P	.125	3.18	.0575	1.46	.345	8.76	.187	4.75	.018	.46	#0-80 UNF
37S	.125	3.18	.0575	1.46	.345	8.76	.292	7.42	.018	.46	#0-80 UNF
51P	.125	3.18	.0575	1.46	.345	8.76	.187	4.75	.018	.46	#0-80 UNF
51S	.125	3.18	.0575	1.46	.345	8.76	.292	7.42	.018	.46	#0-80 UNF
65P	.125	3.18	.0575	1.46	.345	8.76	.187	4.75	.018	.46	#0-80 UNF
65S	.125	3.18	.0575	1.46	.345	8.76	.292	7.42	.018	.46	#0-80 UNF
69P	.125	3.18	.0575	1.46	.345	8.76	.187	4.75	.018	.46	#0-80 UNF
69S	.125	3.18	.0575	1.46	.345	8.76	.292	7.42	.018	.46	#0-80 UNF
85P	.150	3.81	.070	1.78	.410	10.42	.244	6.19	.075	1.90	#2-56 UNC
85S	.150	3.81	.070	1.78	.345	8.76	.292	7.42	.018	.45	#2-56 UNC

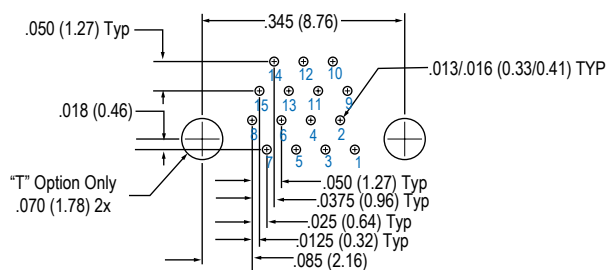


891-008 and 891-009 Right Angle Mount PCB, Dual Row Nano Connector Thru Hole Type

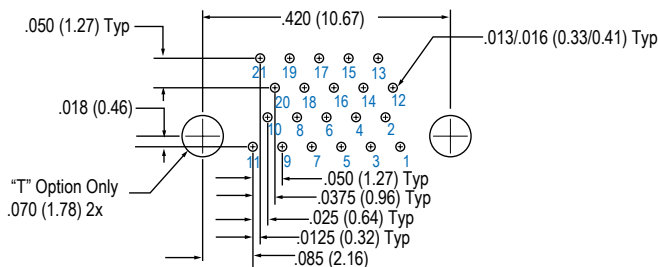
Dual Row Thru Hole Right Angle PCB Layout—891-008 Plug (Pin) Connectors



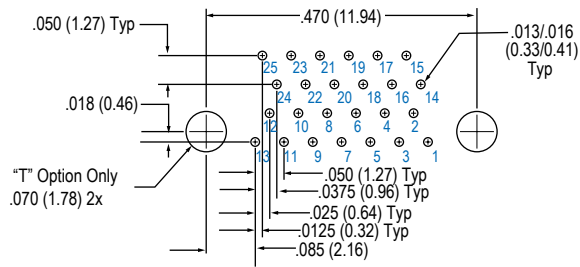
9 Contacts



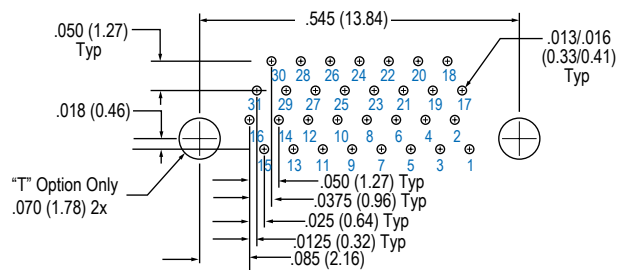
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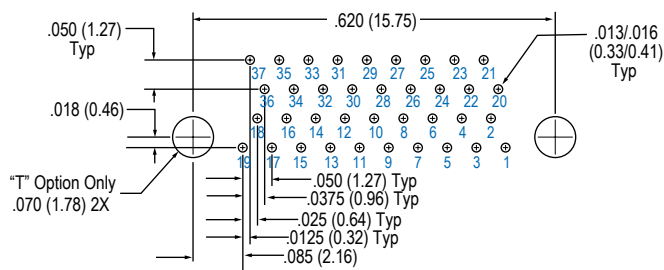
21 Contacts



25 Contacts



31 Contacts



37 Contacts

Layouts shown are for connector mounting side of PC Board.

Glennair®

The diagram shows the connector assembly. On the left is the connector, a light blue rectangular unit with two circular ports on the sides and a central array of 24 pins. A label 'PIN 1' with a leader line points to the top-right pin in the array. On the right is the 'Mating Face' of the cable, shown as a light blue rectangular block with two circular ports on its sides. An arrow labeled 'Mating Face' points to the bottom surface of the cable block, indicating the connection point.

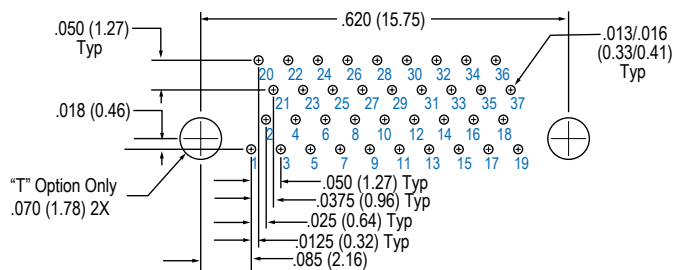
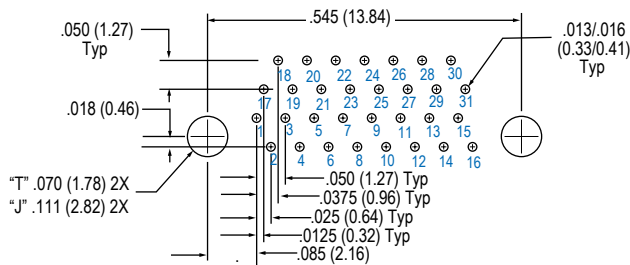
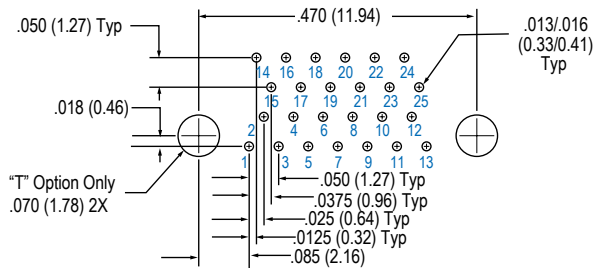
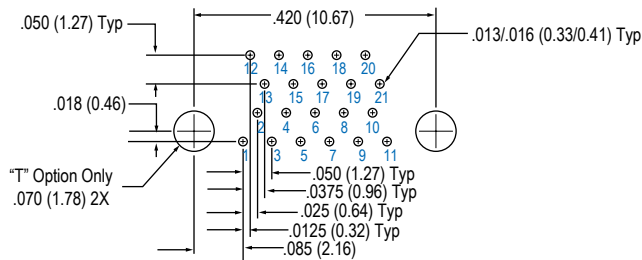
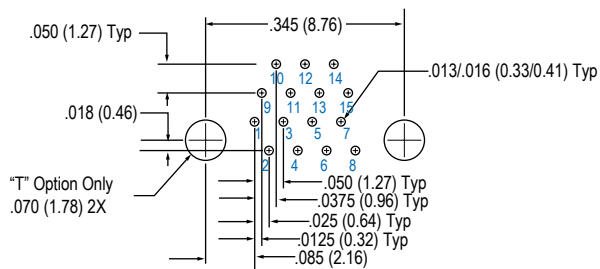
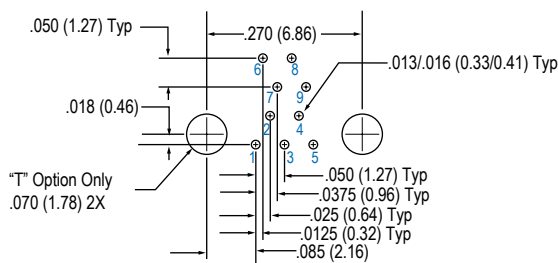
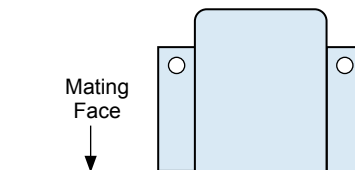
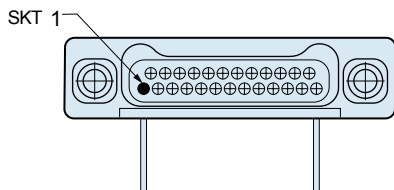


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891-009 Right Angle Mount PCB, Dual Row Nano Connector Thru Hole Type

Dual Row Thru Hole Right Angle PCB Layout—891-009 Receptacles (Sockets) Connectors



31 Contacts

37 Contacts

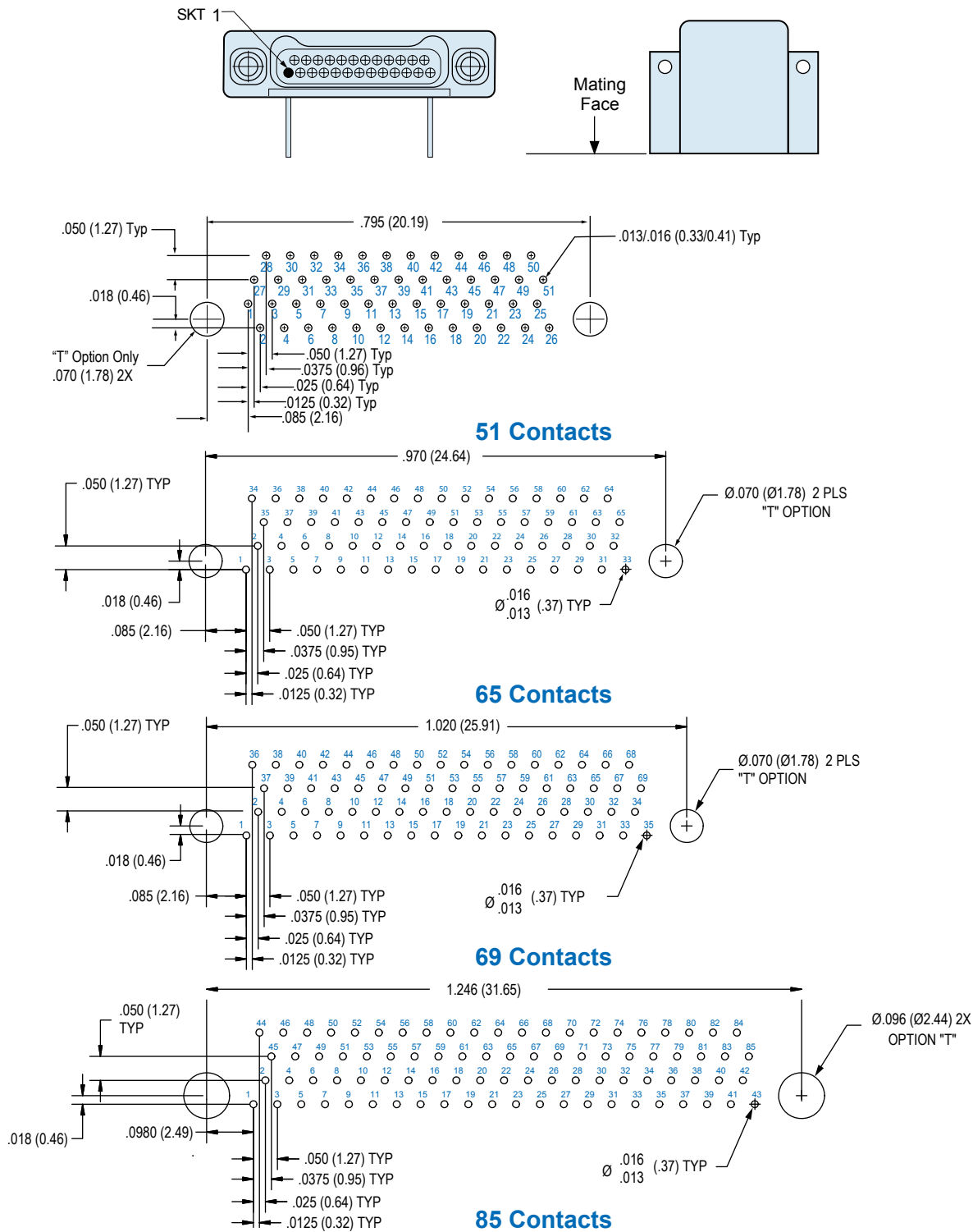
Layouts shown are for connector mounting side of PC Board.

891-009 Right Angle Mount PCB, Dual Row Nano Connector Thru Hole Type



Dual Row
Connectors

Dual Row Thru Hole Right Angle PCB Layout—891-009 Receptacles (Sockets) Connectors



H