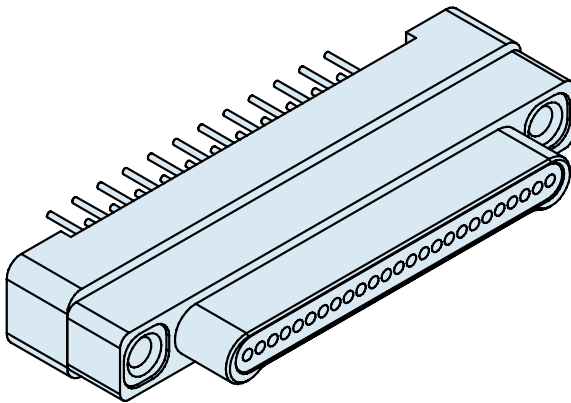


890-006 and 890-007 Vertical Mount PCB, Single Row Nano Connector Thru Hole Type



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 #0-80 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 eight layouts from 5 to 51 contacts. Complies to the requirements of MIL-DTL-32139. These connectors are interchangeable with any corresponding Glenair Series 890 single row metal shell nanominiature connector.

How to Order Vertical Mount PCB Connectors

Sample Part Number		890-007	-31S	T	-BST	1	T
Series	890-006 Plug, Pin Contacts, Single Row, Vertical PCB Nanominiature 890-007 Receptacle, Socket Contacts, Single Row, Vertical PCB Nanominiature						
Insert Arrangement/ Contact Type	Plugs (890-006): 5P, 9P, 15P, 21P, 25P, 31P, 37P, 51P Receptacles (890-007): 5S, 9S, 15S, 21S, 25S, 31S, 37S, 51S						
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	BST - Board Straight Thru-Hole						
PC Tail Length	1 - .110 Inch (2.79) 3 - .140 Inch (3.55) 2 - .172 Inch (4.37)						
Hardware	J - Jackscrew, #0-80 T - Female Thread, #0-80						

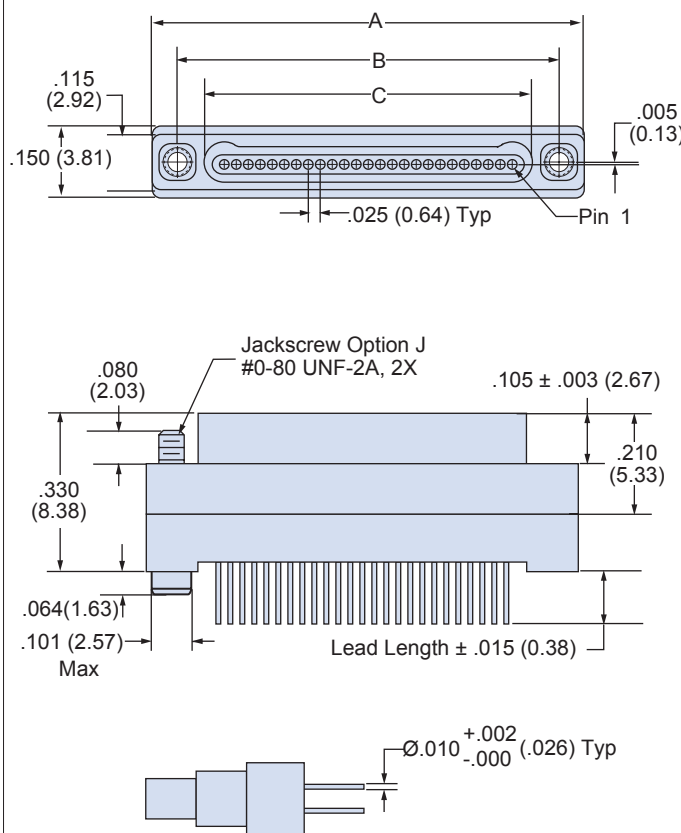
Dimensions in inches (millimeters) and are subject to change without notice.



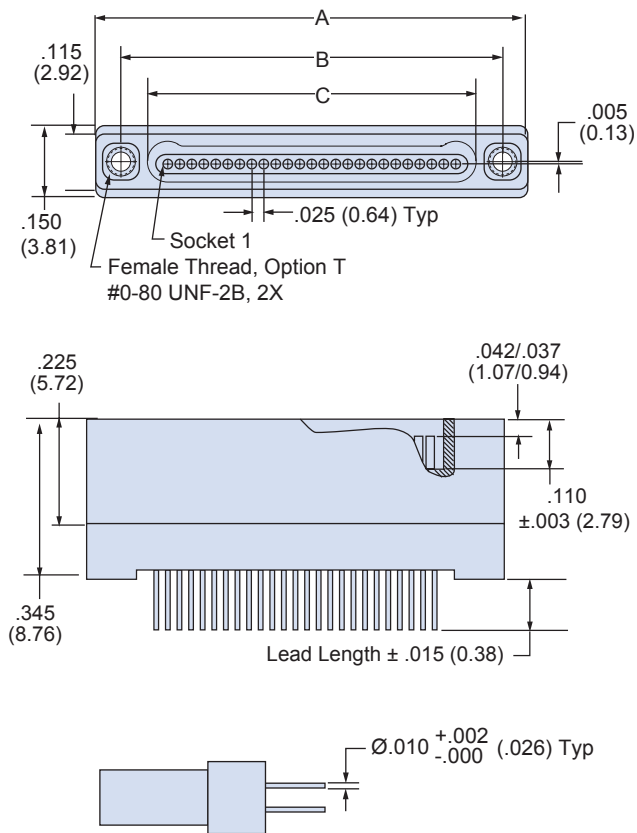
890-006 and 890-007 Vertical Mount PCB, Single Row Nano Connector Thru Hole Type

Single Row Vertical Nano PCB Dimensions

890-006 Plug (Pin) Connectors



890-007 Receptacle (Socket) Connectors



Layout	A		B BSC.		C BSC.	
	In. ± .005	mm. ± 0.13	In.	mm.	In.	mm.
5P	.400	10.16	.295	7.49	.184	4.67
5S	.400	10.16	.295	7.49	.185	4.70
9P	.500	12.70	.395	10.03	.284	7.21
9S	.500	12.70	.395	10.03	.285	7.24
15P	.650	16.51	.545	13.84	.434	11.02
15S	.650	16.51	.545	13.84	.435	11.05
21P	.800	20.32	.695	17.65	.584	14.83
21S	.800	20.32	.695	17.65	.585	14.86
25P	.900	22.86	.795	20.19	.684	17.37
25S	.900	22.86	.795	20.19	.685	17.40
31P	1.050	26.67	.945	24.00	.834	21.18
31S	1.050	26.67	.945	24.00	.835	21.21
37P	1.200	30.48	1.095	27.81	.984	24.99
37S	1.200	30.48	1.095	27.81	.985	24.02
51P	1.550	39.37	1.445	36.70	1.334	33.88
51S	1.550	39.37	1.445	36.70	1.335	33.91

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.

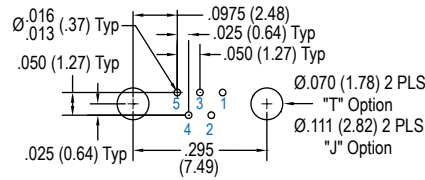
890-006 and 890-007 Vertical Mount PCB, Single Row Nano Connector Thru Hole Type



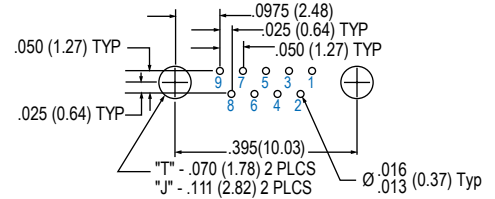
Single Row
Connectors

Vertical PCB Plug (Pin) Connector Layout 890-006

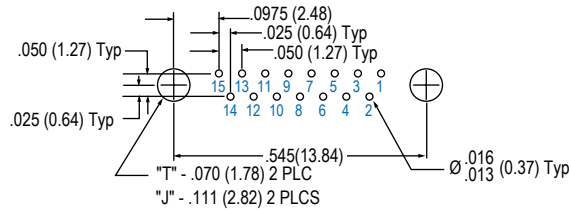
5 Contacts



9 Contacts

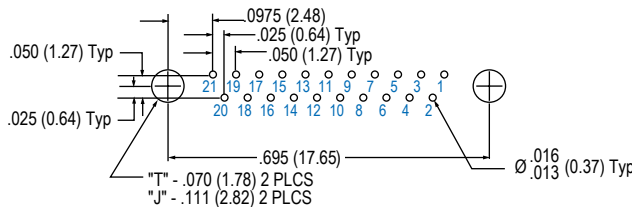


15 Contacts

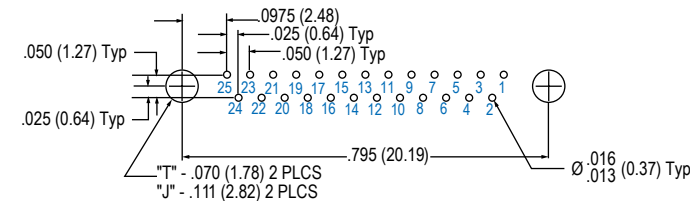


Connector Mating Face

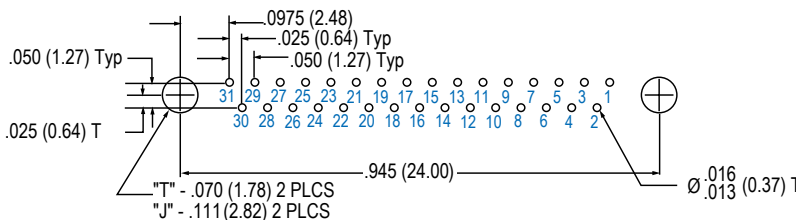
21 Contacts



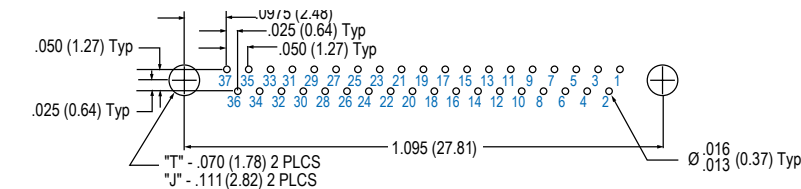
25 Contacts



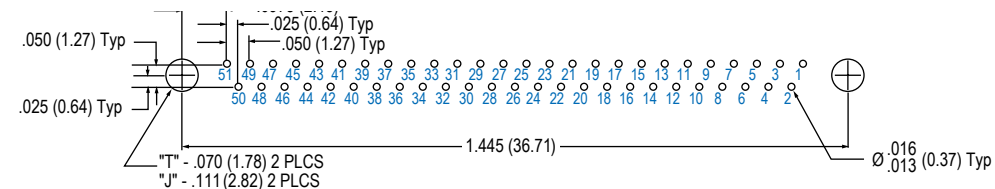
31 Contacts



37 Contacts



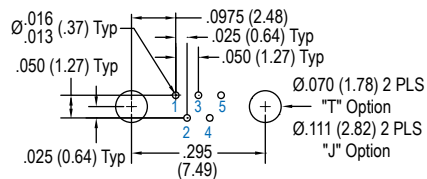
51 Contacts



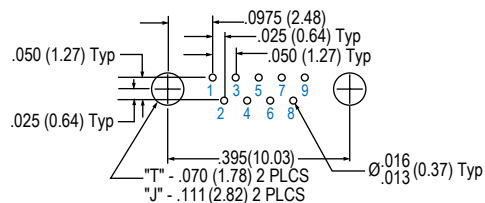
Layouts shown are for connector mounting side of PC Board.

Vertical PCB Receptacle (Socket) Connector Layout 890-007

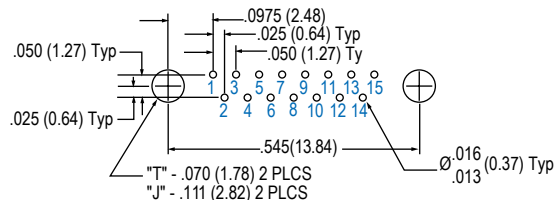
5 Contacts



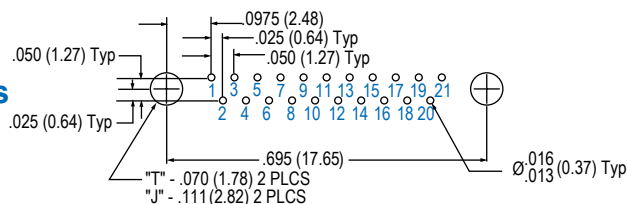
9 Contacts



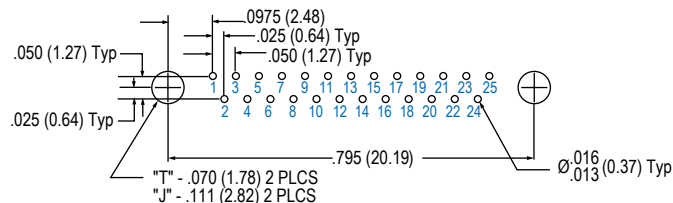
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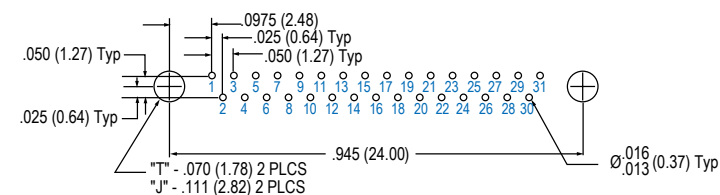
21 Contacts



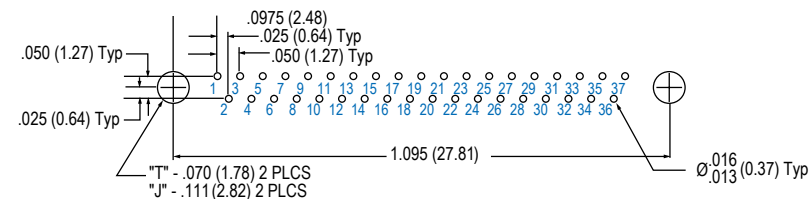
25 Contacts



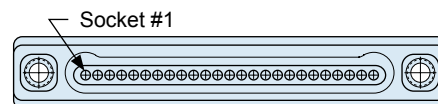
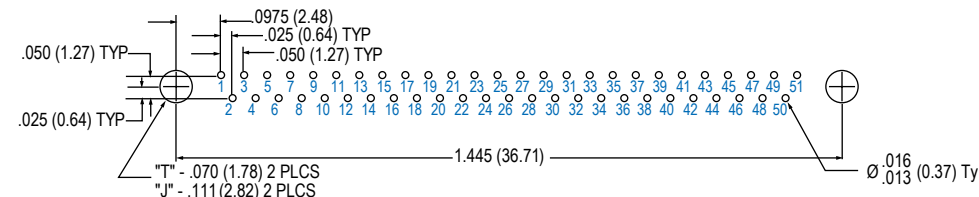
31 Contacts



37 Contacts



51 Contacts



Connector Mating Face

Layouts shown are for connector mounting side of PC Board.

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

Mouser Electronics

Authorized Distributor

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Glenair:

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