



RỒNG VÀNG
TECHNOLOGY



70/70A series

**TWISTPIN CONTACT SYSTEM
NANOMINIATURE RECTANGULAR
ELECTRICAL CONNECTORS**

Comply With MIL-DTL-32139

www.rong-vang-technology.vn



70/70A series nanominiature rectangular electrical connectors



Product Introduction

Comply with MIL-DTL-32139

Male contact use elastic wire spring pin

High density, 0.64 mm space

Contact arrangement: 009, 015, 021, 025, 031, 037, 051, 065, 069 (for other Contact arrangement, please contact the company)

System Thread:

- 70A series use the Metric system thread – M1.6
- 70 series use British system thread – #0-80 UNF

Termination methods:

- crimping
- straddle mounting
- right-angle PCB
- straight PCB
- surface mounting

Wires used: AFR-250-1X0.035-250V

70/70A series nanominiature rectangular electrical connectors



Application

The product has the advantages of high density, lightweight and miniaturization, which can realize the reliable interconnection of the electrical circuit system from cable to cable, cable to printed board, and between printed board and printed board

The product can withstand strong vibration, shock and other harsh operating environment, especially suitable for the use in space; if equipment lightweight has special requirements for the use of the occasion

Specifications

Temperature rating: -55°C ~ +125°C

Contact rating: 1 A

Contact resistance: $\leq 60 \text{ m}\Omega$

Insulation resistance: $\geq 5000 \text{ M}\Omega$ at 100 VDC

Dielectric withstanding voltage (sea level):

- normal – 250V
- damp heat – 100V

Vibration: 10 ~ 2000 Hz, acceleration 196 m/s²

Shock: acceleration 980 m/s²

Shell Material and Finish: Aluminum Shell, Chemical Nickel

Endurance: 200 cycles

Salt spray: 48 h

Classification

70A and 70 series termination includes:

Versions: Double-row connectors

Connectors with Insulated Wire

Straddle Mount Connectors (STM type)

Vertical Surface Mount PCB Connectors with Jackscrews (BSS type)

Vertical Surface Mount PCB Connectors (BSS type)

Vertical Mount Thru-Hole PCB Connectors (BST type)

Right-Angle Surface Mount PCB Connector (BRS type)

Right-Angle Mount Thru-Hole PCB Connectors (BRT type)

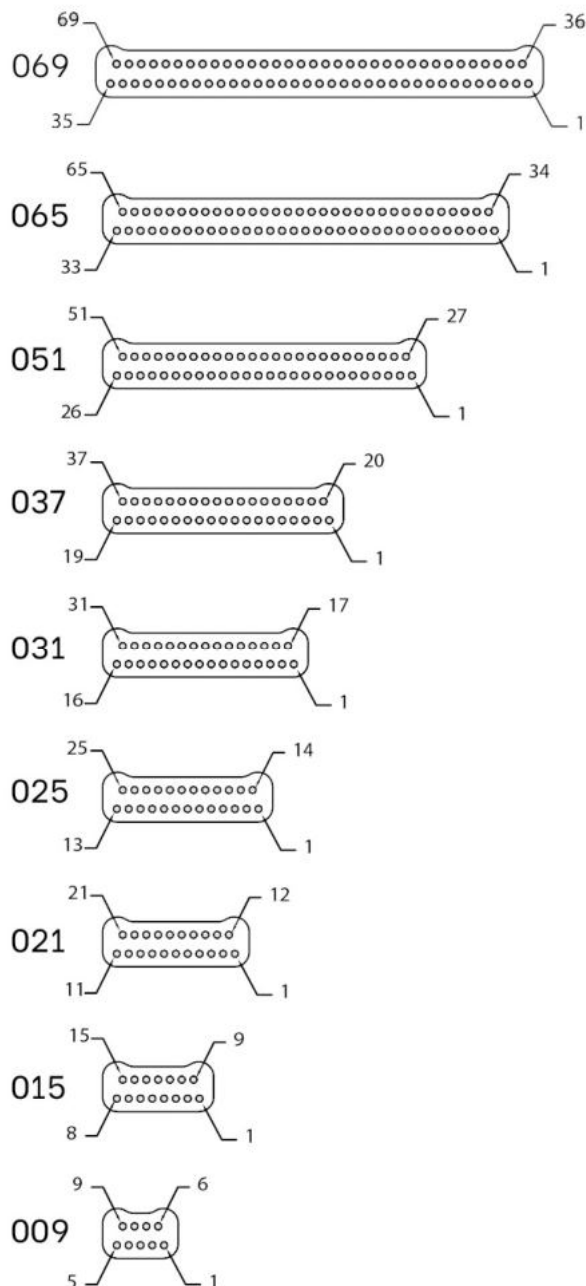
Screwdriver for the JC system: 70A-BS

Wire Gage: #30 AWG

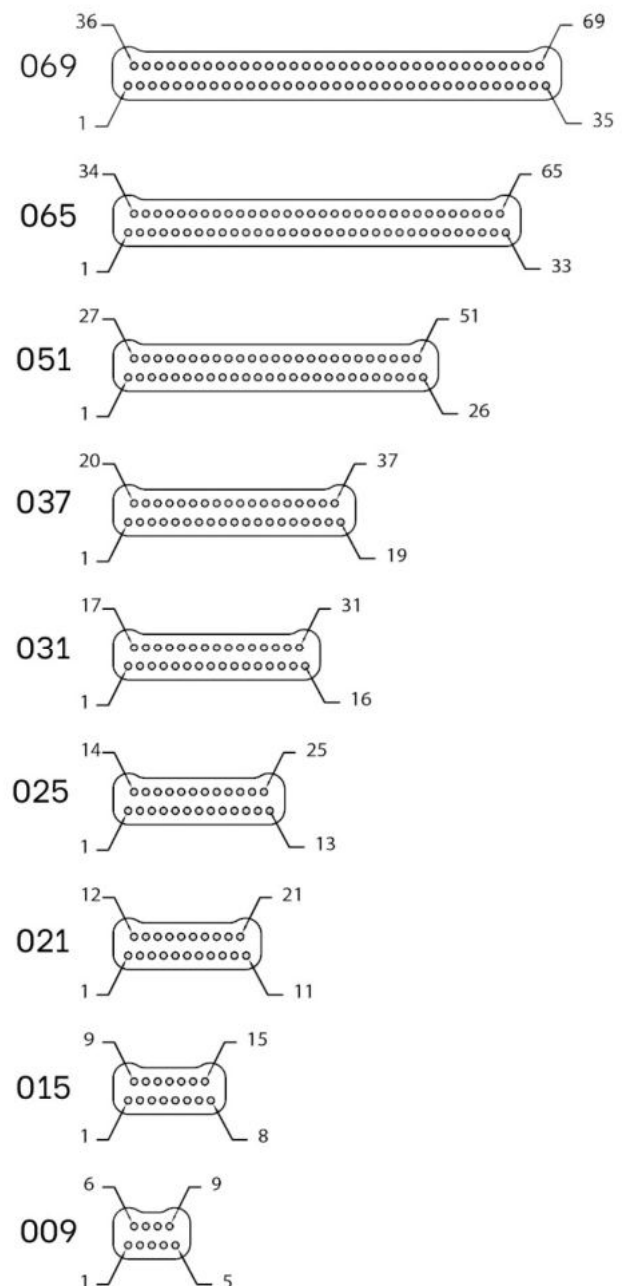
Contact arrangement

(viewed from the insertion surface of the pin insulator)

Dual Row Plugs (Pins)



Dual Row Receptacles (Sockets)



70/70A series nanominiature rectangular electrical connectors



Connectors with Insulated Wire



Ordering information

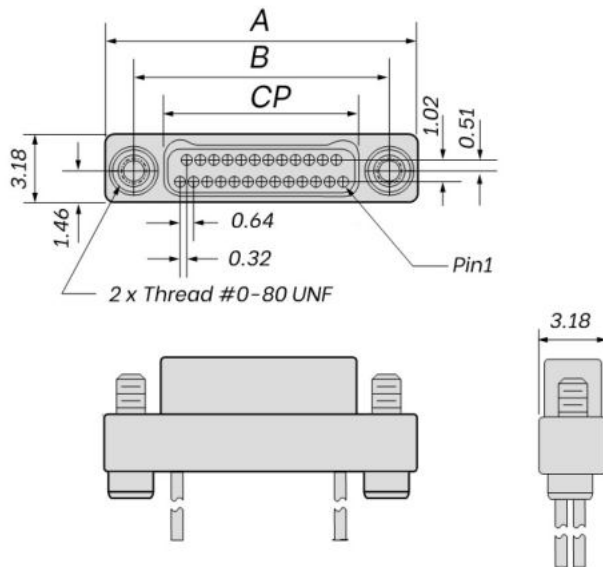
Basic series	70	A	-2	2	2	-025	-16	1	-JC
System Thread:									
A = Metric system thread, M1.6									
Omit = British system thread, #0-80 UNF-2									
Versions:									
2 = Double-row connectors									
Connector type:									
1 = Plugs (Pins Only)									
2 = Receptacles (Sockets Only)									
Shell Material and Finish:									
2 = Aluminum Shell, Chemical Nickel									
Contact Layout: 009, 015, 021, 025, 031, 037, 051, 065, 069									
Contact Termination:									
16 = Pins with Insulated Wire									
26 = Sockets with Insulated Wire									
Contact plating:									
1 = Gold Plating									
Hardware:									
JC = Hex Head Jackscrew									
TH = Female Threads									
THA = Female Threads + Hardware kit (2 slotted screws, 2 washers, 2 lockwashers),									
Recommended panel thickness ≤ 2 mm									
Wire color and length index:									
If customers prefer any color and length of wires, please specify the color and length									
For example:									
70A-212-015-161-JC (L300) it means the wire (10 Color Repeating: black, brown, red, orange, yellow, green, blue, purple, gray, white) length outside the shell is 300 mm									
70A-222-015-261-TH (white, L600), meaning the white wire outside the sheath is 600 mm long									

Dimensions

Connectors with Insulated Wire

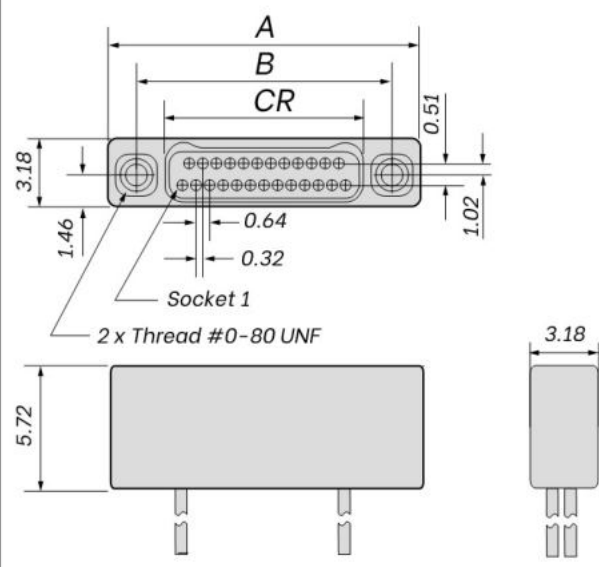
Plug 70(A)-212-***-161-**

Receptacle 70(A)-222-***-261-**



Version 1: Plug with 2 x Hex Head Jackscrew, JC Type

Version 2: Plug with 2 x Female Threads, TH Type



Version 1: Receptacle with 2 x Female Threads, TH Type

Version 2: Receptacle with 2 x Hex Head Jackscrew, JC Type

Plugs

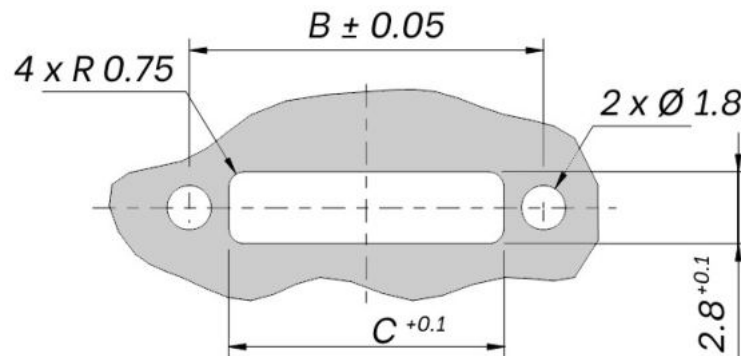
Contact Layout	A	B	CP	CR	System Thread
009	9.52	6.86	4.06	4.14	M1.6/#0-80 UNF
015	11.43	8.76	5.97	6.04	M1.6/#0-80 UNF
021	13.33	10.67	7.87	7.95	M1.6/#0-80 UNF
025	14.60	11.94	9.14	9.22	M1.6/#0-80 UNF
031	16.51	13.84	11.05	11.12	M1.6/#0-80 UNF
037	18.41	15.75	12.95	13.03	M1.6/#0-80 UNF
051	22.86	20.19	17.40	17.47	M1.6/#0-80 UNF
065	27.31	24.64	21.84	21.92	M1.6/#0-80 UNF
069	28.57	25.91	23.11	23.19	M1.6/#0-80 UNF

Receptacles

70/70A series nanominiature rectangular electrical connectors



70A-222-***-261-TH Panel cutout



Contact Layout	B	C
009	6.86	4.20
015	8.76	6.10
021	10.67	8.00
025	11.94	9.30
031	13.84	11.20
037	15.75	13.10
051	20.19	17.60
065	24.64	22.10
069	25.91	23.20



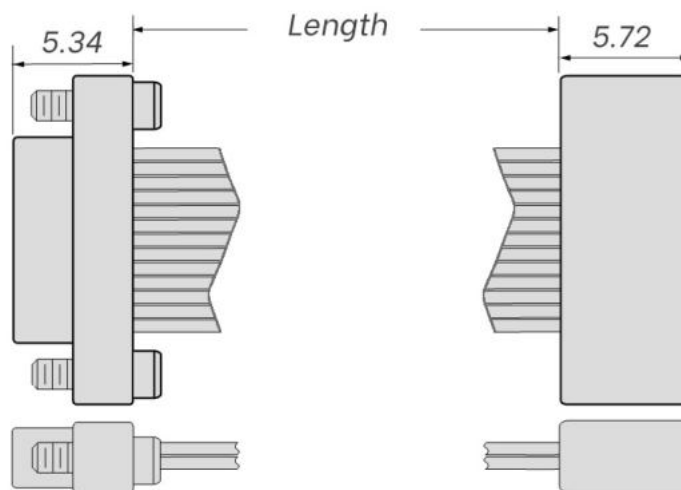
70/70A series nanominiature rectangular electrical connectors

Cable Assemblies



Ordering information

Basic series	70	A	-2J2	-009	-P	P	1	-L
System Thread:								
A = Metric system thread, M1.6								
Omit = British system thread, #0-80 UNF-2								
Type:								
2J2 = Straight Cable Assemblies								
Contact Layout: 009, 015, 021, 025, 031, 037, 051, 065								
1 Connector type:								
P = Plug 70A-212-***-161-JC3								
S = Receptacle 70A-222-***-261-TH								
2 Connector type:								
P = 70A-212-***-161-JC3 (Plug with Jackscrew)								
S = 70A-222-***-261-TH (Receptacle with Female Threads)								
Contact plating:								
1 = Gold Plating								
Length:								
L = Cable Assembly Length in mm, ≥ 50 mm (color of the wires is white, other versions are available upon request)								
For example:								
70A-212-015-161-PS1 (L600), meaning the white wires outside the sheath is 600 mm long								
70A-212-015-161-SS1 (green L400), meaning the green wires outside the sheath is 400 mm long								
70A-212-015-161-PP1 (10 Color Repeating L300), meaning the 10 Color Repeating wires outside the sheath is 300 mm long								



1 Connector: 70A-212-xxx-161-JC3

2 Connector: 70A-222-xxx-261-TH

An example version is shown

Surface Mount PCB Connectors

Ordering information

Basic series	70	A	-2	D	2	-031	-22	1	-TH
System Thread:									
A = Metric system thread, M1.6									
Omit = British system thread, #0-80 UNF-2									
Versions:									
2 = Double-row connectors									
Connector type:									
1 = Straddle Mount Plug (STM type)									
2 = Straddle Mount Receptacle (STM type)									
A = Vertical Surface Mount PCB Plug (BSS type)									
B = Vertical Surface Mount PCB Receptacle (BSS type)									
C = Right-Angle Surface Mount PCB Plug (BRS type)									
D = Right-Angle Surface Mount PCB Receptacle (BRS type)									
K = Vertical Surface Mount PCB Plug with Jackscrews (BSS type)									
L = Vertical Surface Mount PCB Receptacle with Jackscrews (BSS type)									
Shell Material and Finish:									
2 = Aluminum Shell, Chemical Nickel									
Contact Layout: 009, 015, 021, 025, 031, 037, 051, 065, 069									
Contact Termination:									
12 = Pins, surface mounting									
22 = Sockets, surface mounting									
Contact plating:									
1 = Gold Plating									
Hardware:									
JC = Hex Head Jackscrew (not applicable in versions «A», «B», «C», «D»)									
TH = Female Threads (not applicable in versions «K», «L»)									
THA = Female Threads + Hardware kit (2 slotted screws, 2 washers, 2 lockwashers),									
Recommended panel thickness ≤ 2 mm, (not applicable in versions «K», «L»)									

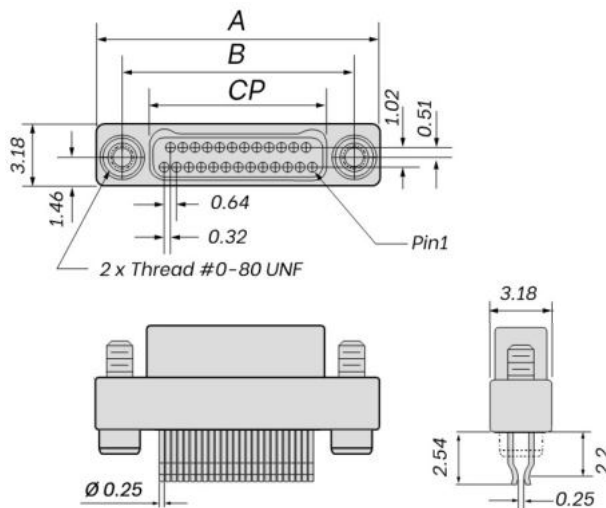
Dimensions

Straddle Mount Connectors (STM type)



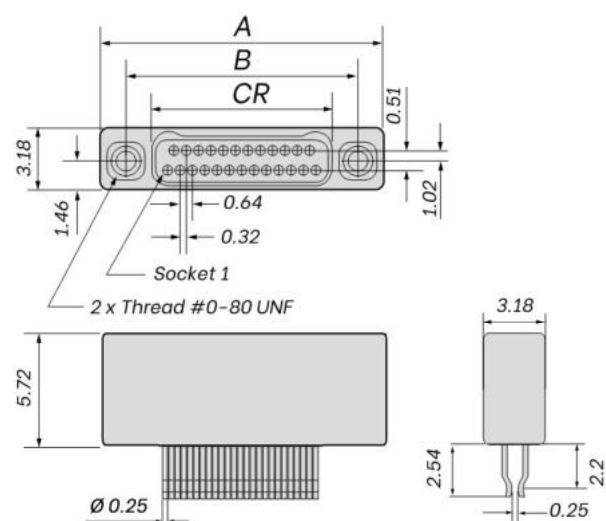
Plug 70(A)-212-*-121-****

Receptacle 70(A)-222-*-221-****



Version 1: Plug with 2 x Hex Head Jackscrew, IC Type

Version 2: Plug with 2 x Female Threads, TH Type



Version 1: Receptacle with 2 x Female Threads, TH Type

Version 2: Receptacle with 2 x Hex Head Jackscrew, IC Type

Plugs

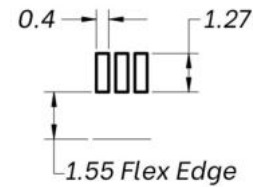
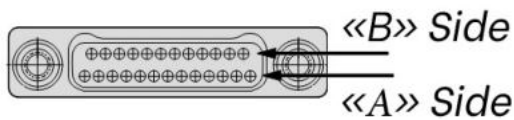
Contact Layout	A	B	CP	CR	System Thread
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015	11.43	8.76	5.97	6.04	M1.6/#0-80 UNF
021	13.33	10.67	7.87	7.95	M1.6/#0-80 UNF
025	14.60	11.94	9.14	9.22	M1.6/#0-80 UNF
031	16.51	13.84	11.05	11.12	M1.6/#0-80 UNF
037	18.41	15.75	12.95	13.03	M1.6/#0-80 UNF
051	22.86	20.19	17.40	17.47	M1.6/#0-80 UNF
065	27.31	24.64	21.84	21.92	M1.6/#0-80 UNF
069	28.57	25.91	23.11	23.19	M1.6/#0-80 UNF

Receptacles

70/70A series nanominiature rectangular electrical connectors

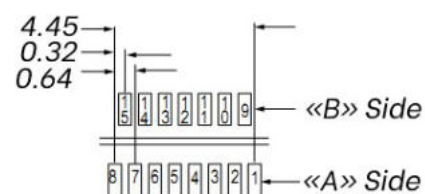
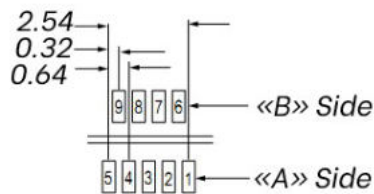


Straddle Mount Plug Footprint Plug 70(A)-212-***-121-** (STM type)



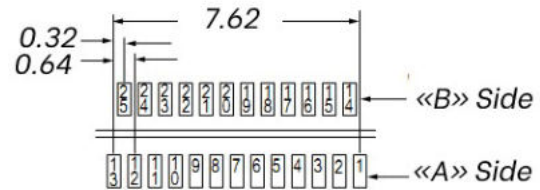
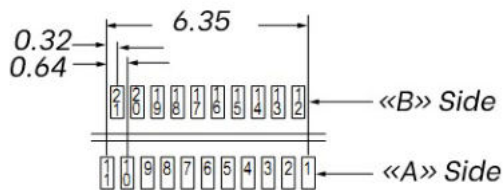
Orientation

Pad Dimensions



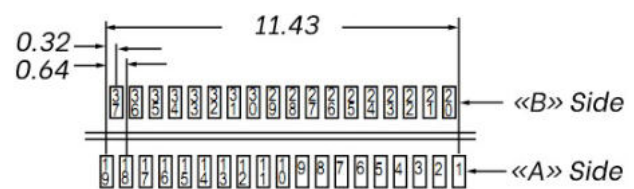
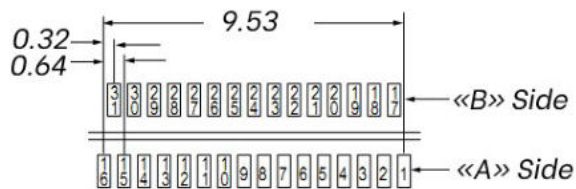
9 Contacts

15 Contacts



21 Contacts

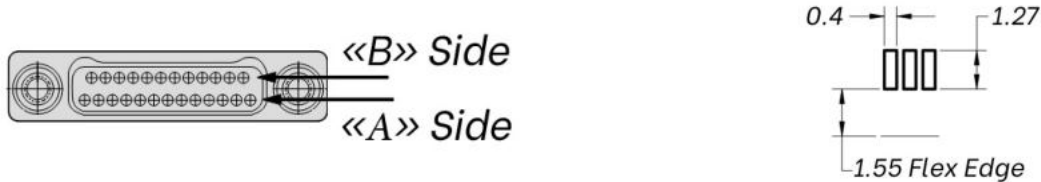
25 Contacts



31 Contacts

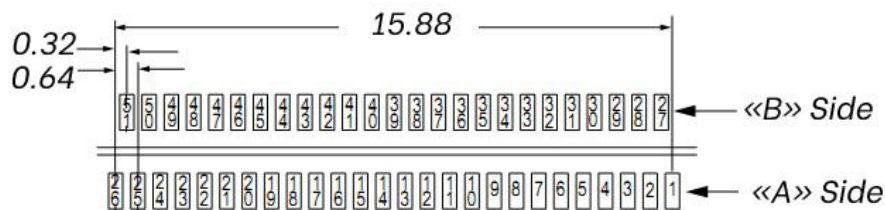
37 Contacts

Straddle Mount Plug Footprint Plug 70(A)-212-***-121-** (STM type)

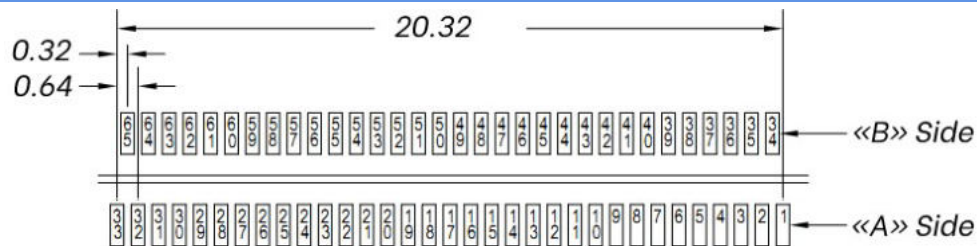


Orientation

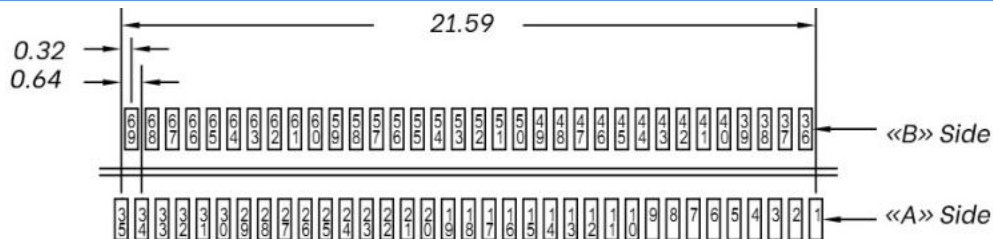
Pad Dimensions



51 Contacts



65 Contacts

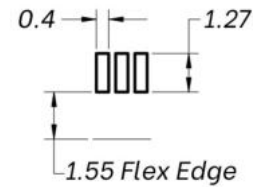
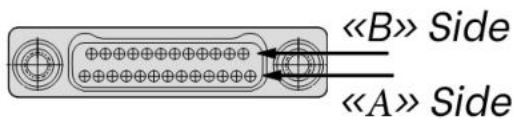


69 Contacts

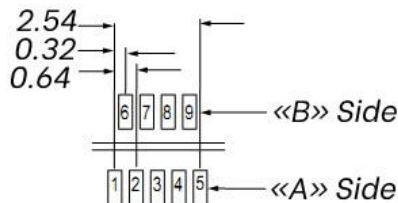
70/70A series nanominiature rectangular electrical connectors



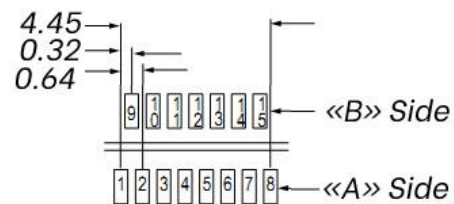
Straddle Mount Receptacle Footprint Receptacle 70(A)-222-***-221-** (STM type)



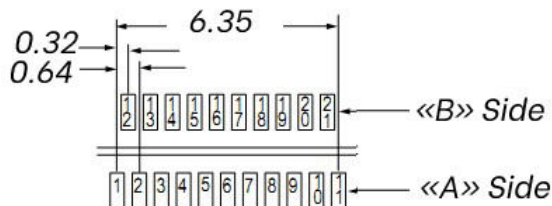
Orientation



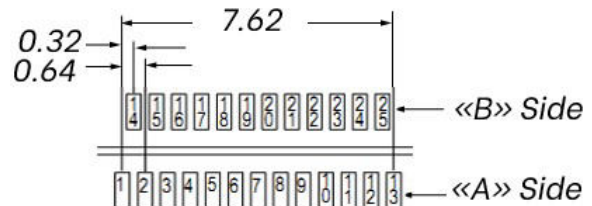
Pad Dimensions



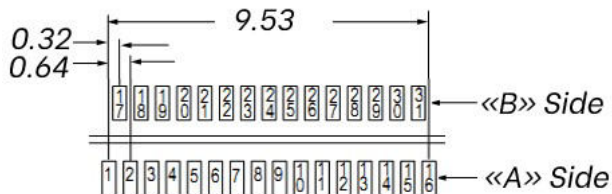
9 Contacts



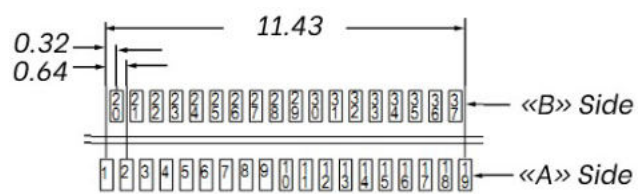
15 Contacts



21 Contacts



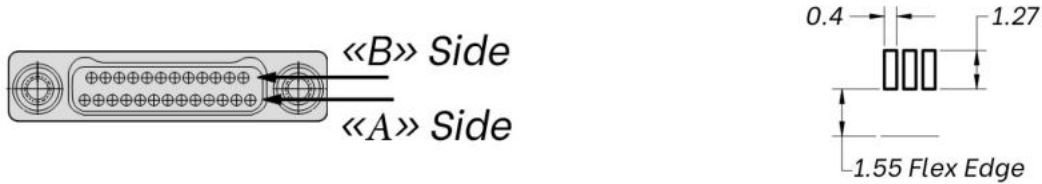
25 Contacts



31 Contacts

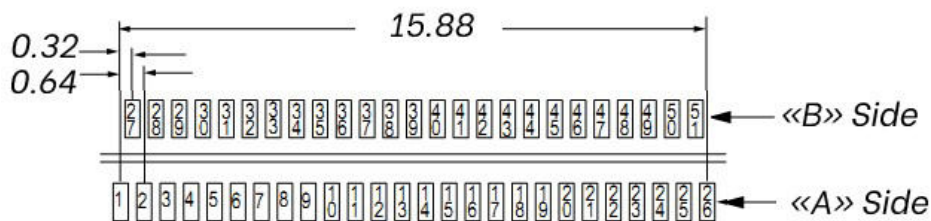
37 Contacts

Straddle Mount Receptacle Footprint Receptacle 70(A)-222-***-221-** (STM type)



Orientation

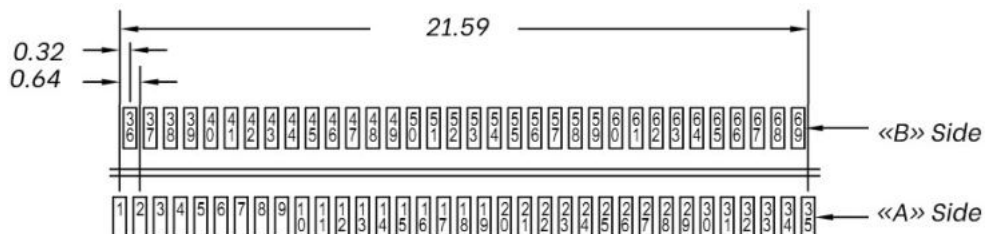
Pad Dimensions



51 Contacts



65 Contacts



69 Contacts

70/70A series nanominiature rectangular electrical connectors

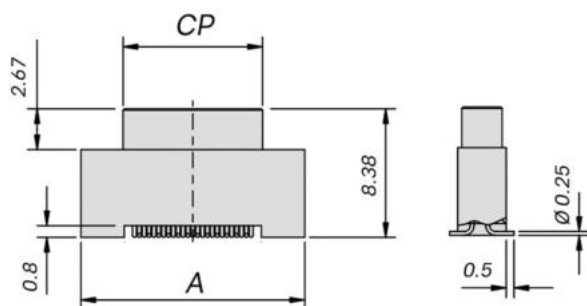
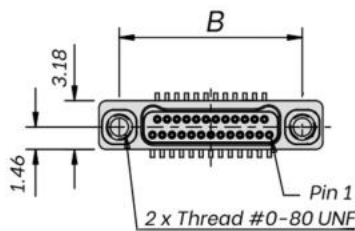


Vertical Surface Mount PCB Connectors (BSS type)

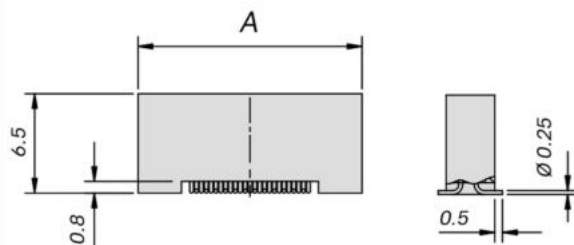
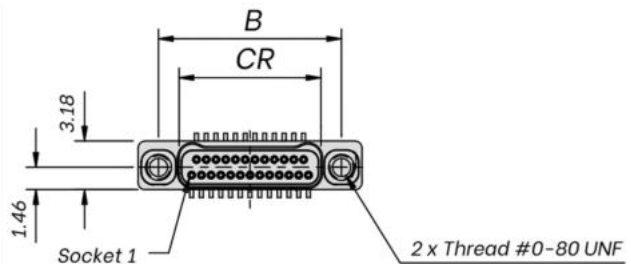


Plug 70(A)-2A2-***-121-TH

Receptacle 70(A)-2B2-***-221-TH



Version 1: Plug with 2 x Female Threads, TH Type



Version 1: Receptacle with 2 x Female Threads, TH Type

Plugs

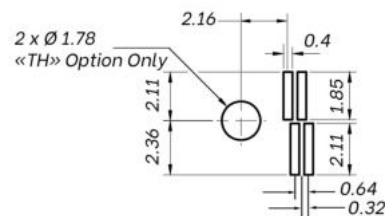
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015	11.43	8.76	5.97	6.04	M1.6/#0-80 UNF
021	13.33	10.67	7.87	7.95	M1.6/#0-80 UNF
025	14.60	11.94	9.14	9.22	M1.6/#0-80 UNF
031	16.51	13.84	11.05	11.12	M1.6/#0-80 UNF
037	18.41	15.75	12.95	13.03	M1.6/#0-80 UNF
051	22.86	20.19	17.40	17.47	M1.6/#0-80 UNF
065	27.31	24.64	21.84	21.92	M1.6/#0-80 UNF
069	28.57	25.91	23.11	23.19	M1.6/#0-80 UNF

Receptacles

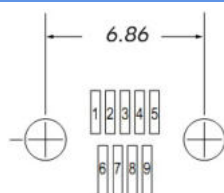


70/70A series nanominiature rectangular electrical connectors

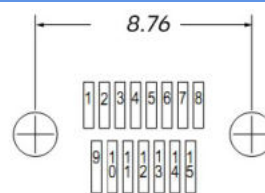
Vertical Surface Mount PCB Plug Footprint Plug 70(A)-2A2-***-121-TH (BSS type)



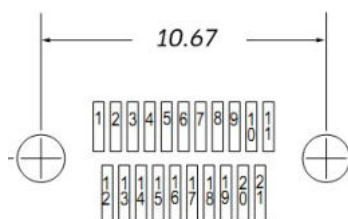
Orientation



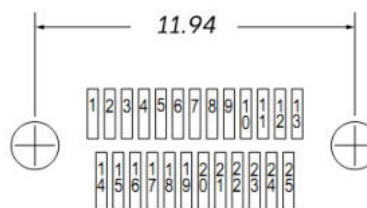
Pad Dimensions



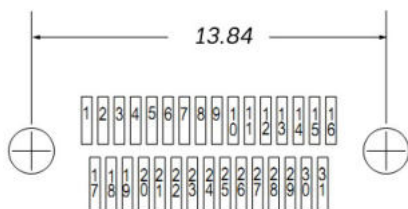
9 Contacts



15 Contacts



21 Contacts



25 Contacts



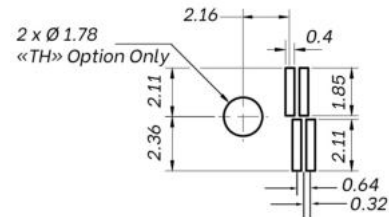
31 Contacts

37 Contacts

70/70A series nanominiature rectangular electrical connectors



Vertical Surface Mount PCB Plug Footprint Plug 70(A)-2A2-***-121-TH (BSS type)

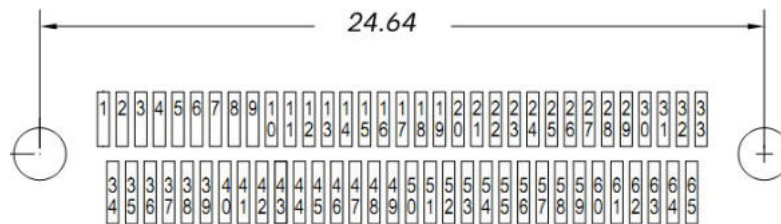


Orientation

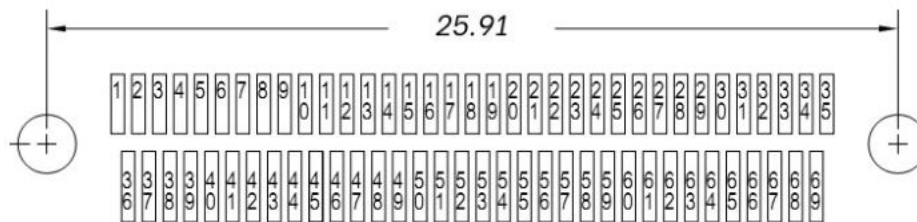
Pad Dimensions



51 Contacts

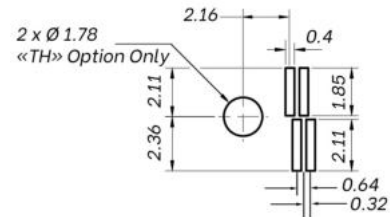


65 Contacts

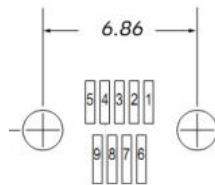


69 Contacts

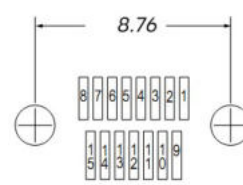
Vertical Surface Mount PCB Receptacle Footprint Receptacle 70(A)-2B2-***-221-TH (BSS type)



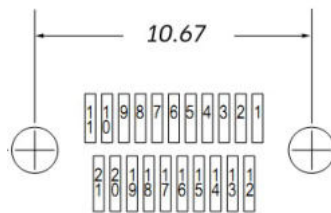
Orientation



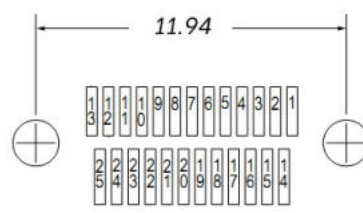
Pad Dimensions



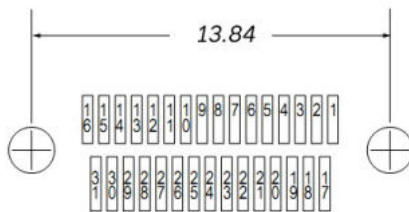
9 Contacts



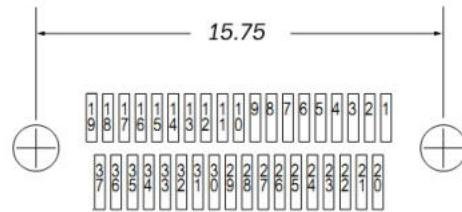
15 Contacts



21 Contacts



25 Contacts



31 Contacts



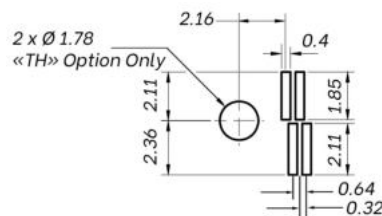
37 Contacts



70/70A series nanominiature rectangular electrical connectors

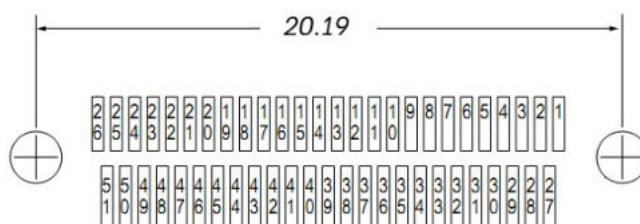


Vertical Surface Mount PCB Receptacle Footprint Receptacle 70(A)-2B2-***-221-TH (BSS type)

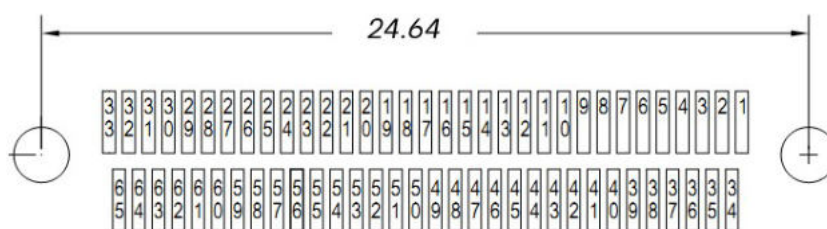


Orientation

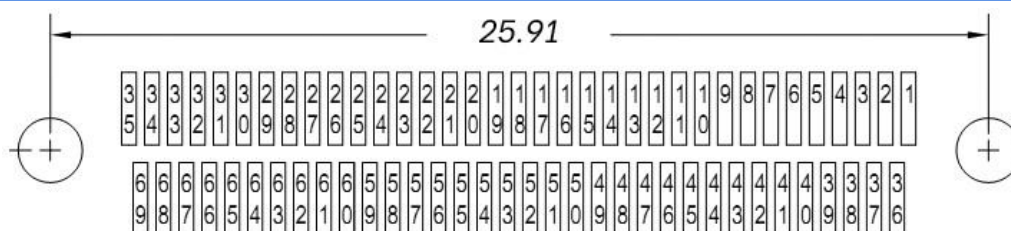
Pad Dimensions



51 Contacts



65 Contacts



69 Contacts

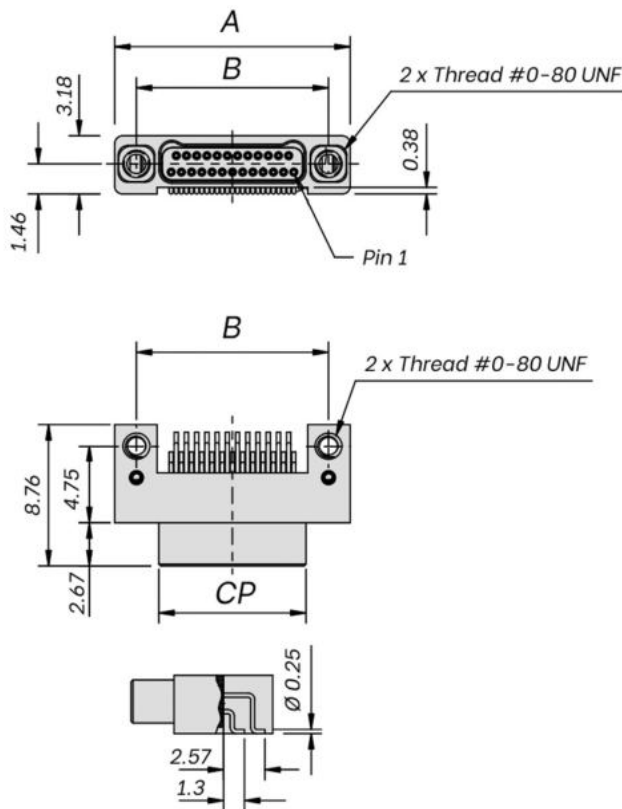


70/70A series nanominiature rectangular electrical connectors

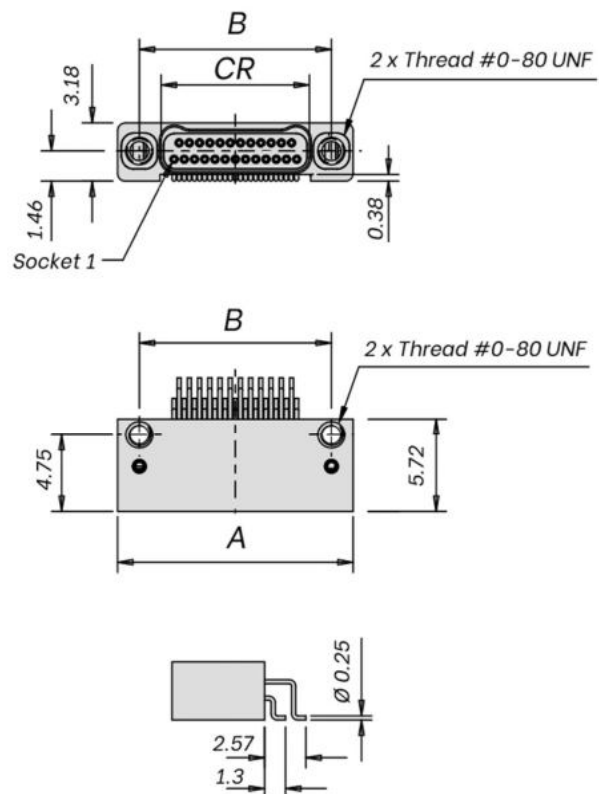
Right-Angle Surface Mount PCB Connectors (BRS type)

Plug 70(A)-2C2-***-121-TH

Receptacle 70(A)-2D2-***-221-TH



Version 1: Plug with 2 x Female Threads, TH Type



Version 1: Receptacle with 2 x Female Threads, TH Type

Plugs

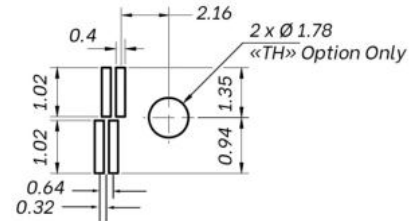
Contact Layout	A	B	CP	CR	System Thread
009	9.52	6.86	4.06	4.14	M1.6/#0-80 UNF
015	11.43	8.76	5.97	6.04	M1.6/#0-80 UNF
021	13.33	10.67	7.87	7.95	M1.6/#0-80 UNF
025	14.60	11.94	9.14	9.22	M1.6/#0-80 UNF
031	16.51	13.84	11.05	11.12	M1.6/#0-80 UNF
037	18.41	15.75	12.95	13.03	M1.6/#0-80 UNF
051	22.86	20.19	17.40	17.47	M1.6/#0-80 UNF
065	27.31	24.64	21.84	21.92	M1.6/#0-80 UNF
069	28.57	25.91	23.11	23.19	M1.6/#0-80 UNF

Receptacles

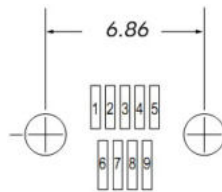
70/70A series nanominiature rectangular electrical connectors



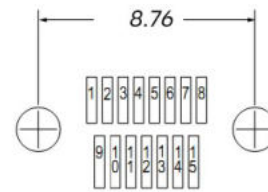
Right-Angle Surface Mount PCB Plug Footprint Plug 70(A)-2C2-***-121-TH (BRS type)



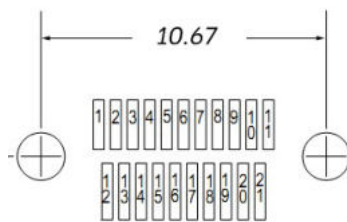
Orientation



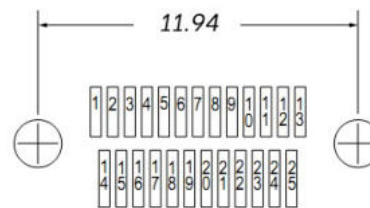
Pad Dimensions



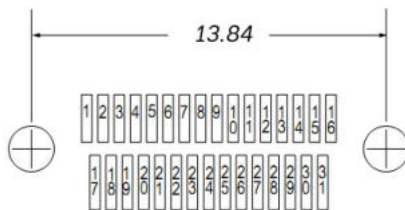
9 Contacts



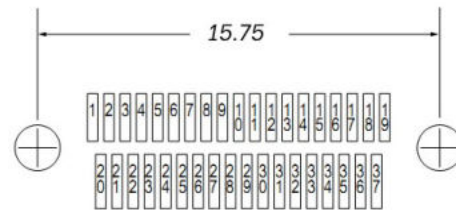
15 Contacts



21 Contacts



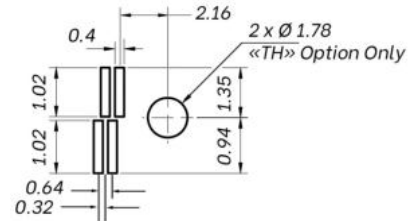
25 Contacts



31 Contacts

37 Contacts

Right-Angle Surface Mount PCB Plug Footprint Plug 70(A)-2C2-***-121-TH (BRS type)

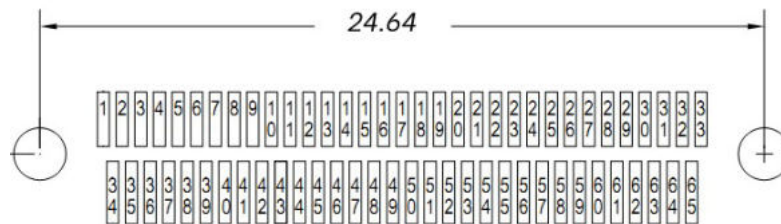


Orientation

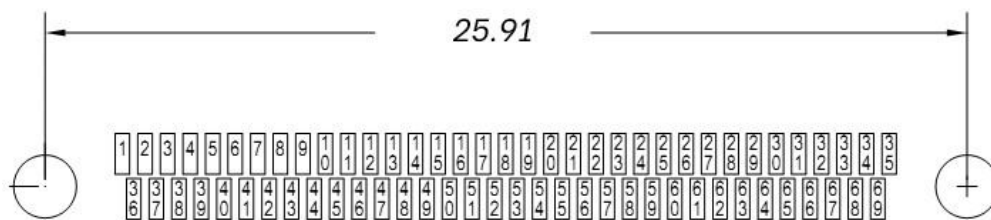
Pad Dimensions



51 Contacts



65 Contacts

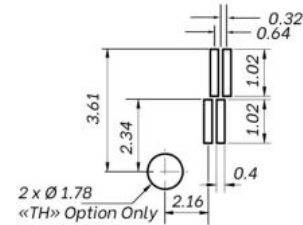


69 Contacts

70/70A series nanominiature rectangular electrical connectors

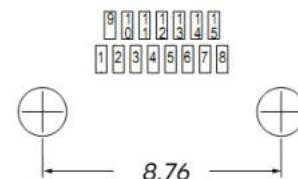
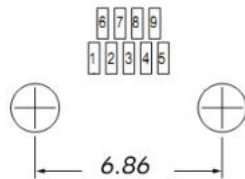


Right-Angle Surface Mount PCB Receptacle Footprint Receptacle 70(A)-2D2-***-221-TH (BRS type)



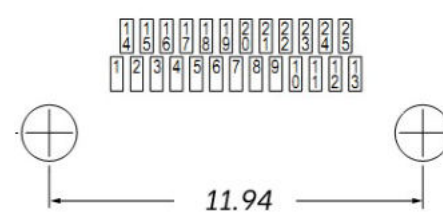
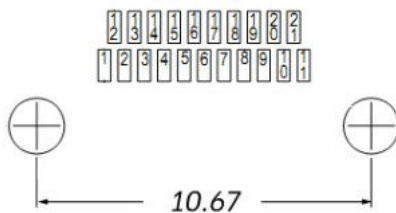
Orientation

Pad Dimensions



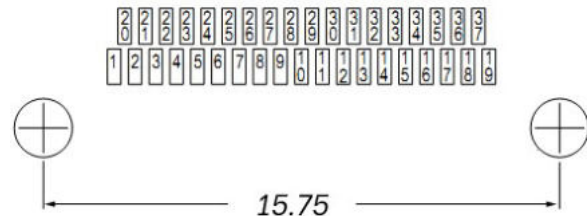
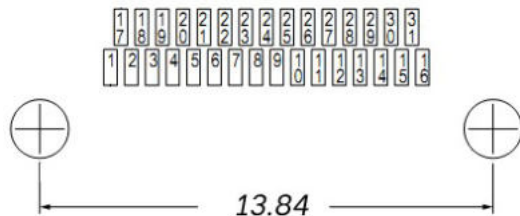
9 Contacts

15 Contacts



21 Contacts

25 Contacts



31 Contacts

37 Contacts

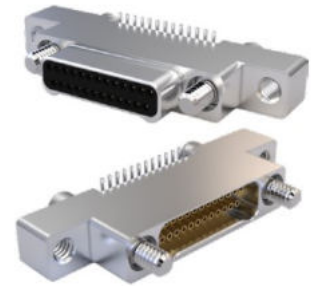


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70/70A series nanominiature rectangular electrical connectors

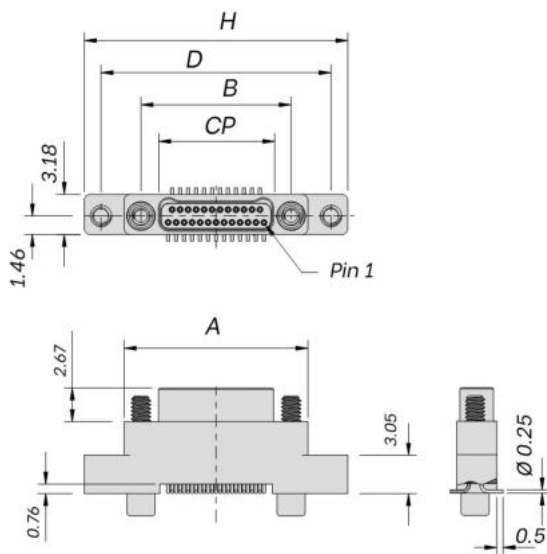


Vertical Surface Mount PCB Connectors with Jackscrews (BSS type)

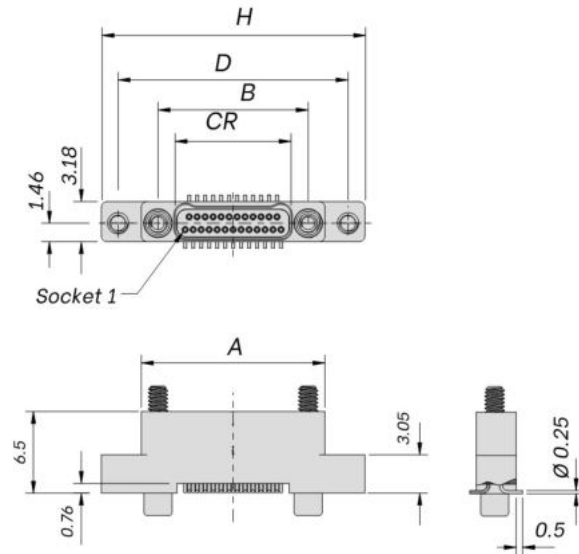


Plug 70(A)-2K2-*-121-JC**

Receptacle 70(A)-2L2-*-221-JC**



Version 1: Plug with 2 x Hex Head Jackscrew, JC Type



Version 1: Receptacle with 2 x Hex Head Jackscrew, JC Type

Plugs

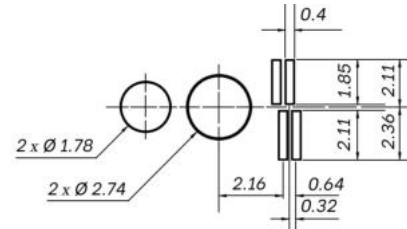
Receptacles

Contact Layout	A	B	CP	CR	D	H	System Thread
009	9.52	6.86	4.06	4.14	13.21	15.88	M1.6/#0-80 UNF
015	11.43	8.76	5.97	6.04	15.11	17.78	M1.6/#0-80 UNF
021	13.33	10.67	7.87	7.95	17.02	19.69	M1.6/#0-80 UNF
025	14.60	11.94	9.14	9.22	18.29	20.96	M1.6/#0-80 UNF
031	16.51	13.84	11.05	11.12	20.19	22.86	M1.6/#0-80 UNF
037	18.41	15.75	12.95	13.03	22.10	24.77	M1.6/#0-80 UNF
051	22.86	20.19	17.40	17.47	26.54	29.21	M1.6/#0-80 UNF
065	27.31	24.64	21.84	21.92	30.99	33.66	M1.6/#0-80 UNF
069	28.57	25.91	23.11	23.19	32.26	39.93	M1.6/#0-80 UNF

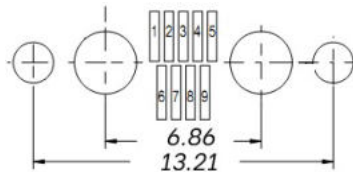


70/70A series nanominiature rectangular electrical connectors

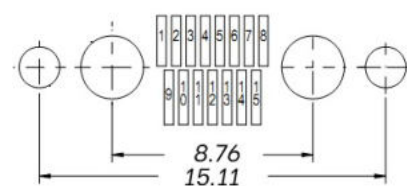
Vertical Surface Mount PCB Plug Footprint Plug 70(A)-2K2-***-121-JC (BSS type)



Orientation

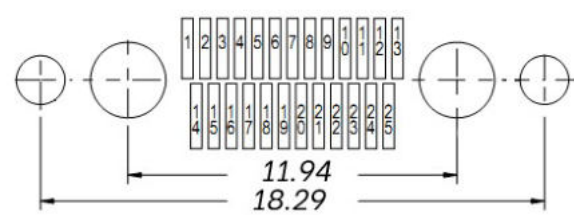
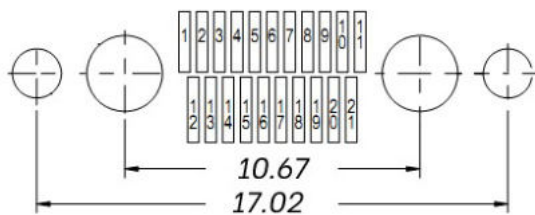


Pad Dimensions



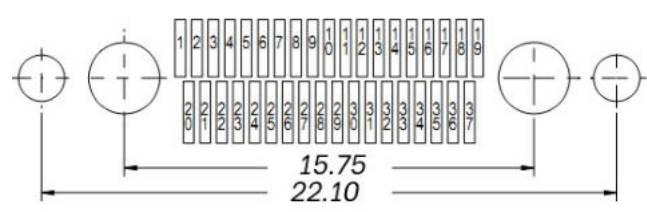
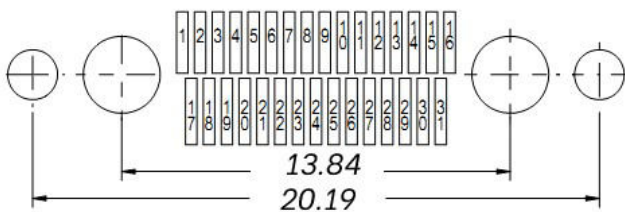
9 Contacts

15 Contacts



21 Contacts

25 Contacts



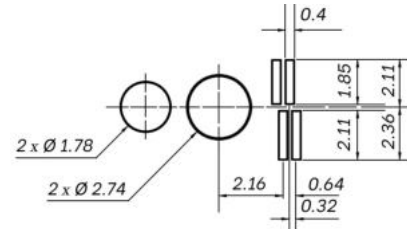
31 Contacts

37 Contacts

70/70A series nanominiature rectangular electrical connectors

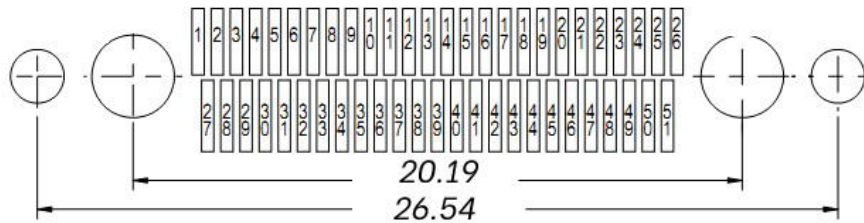


Vertical Surface Mount PCB Plug Footprint Plug 70(A)-2K2-***-121-JC (BSS type)

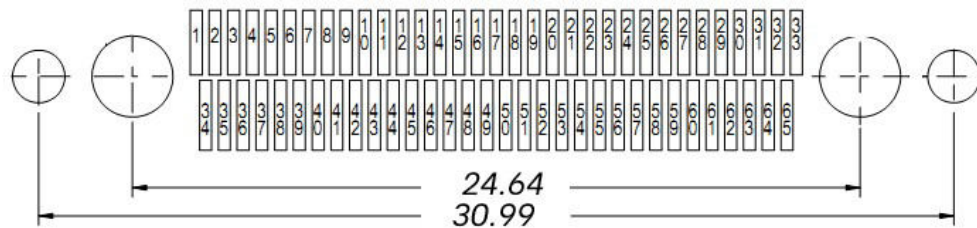


Orientation

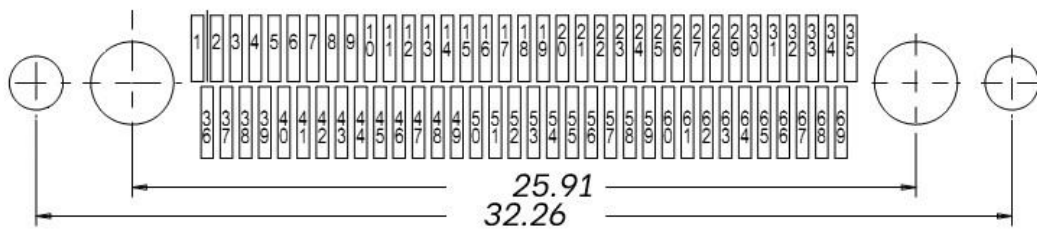
Pad Dimensions



51 Contacts



65 Contacts

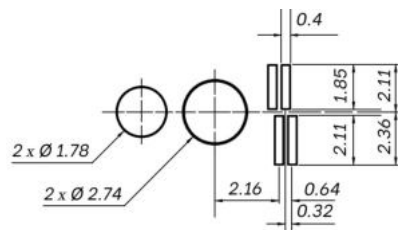


69 Contacts



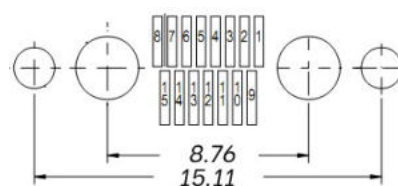
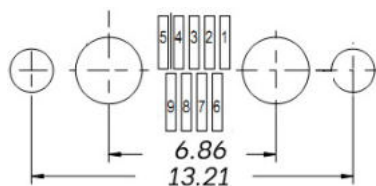
70/70A series nanominiature rectangular electrical connectors

Vertical Surface Mount PCB Receptacle Footprint Receptacle 70(A)-2L2-***-221-JC (BSS type)



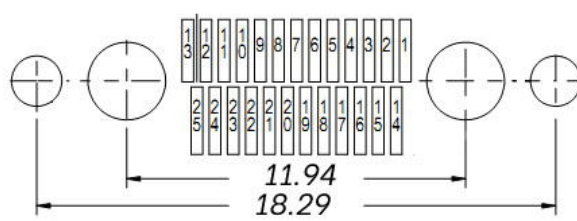
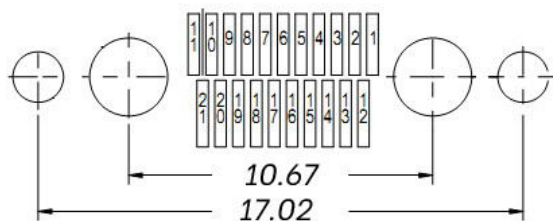
Orientation

Pad Dimensions



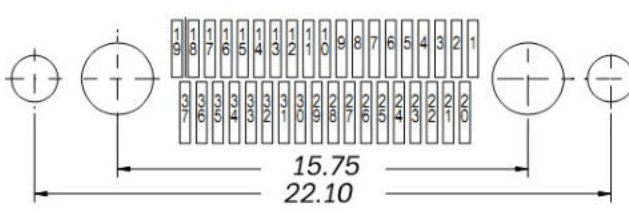
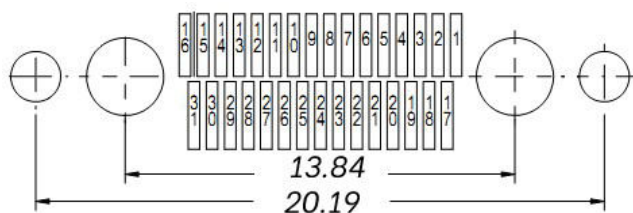
9 Contacts

15 Contacts



21 Contacts

25 Contacts



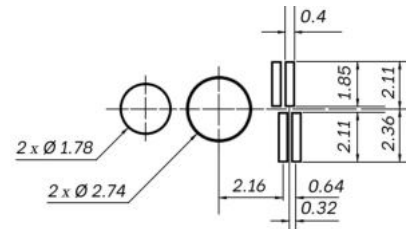
31 Contacts

37 Contacts

70/70A series nanominiature rectangular electrical connectors

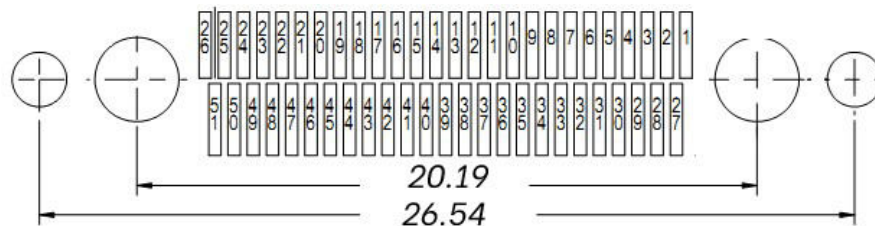


Vertical Surface Mount PCB Receptacle Footprint Receptacle 70(A)-2L2-***-221-JC (BSS type)

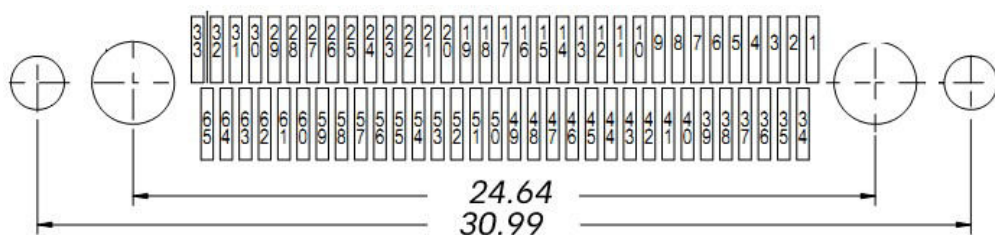


Orientation

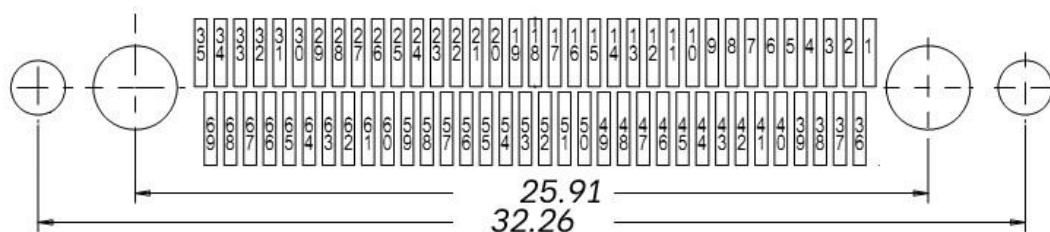
Pad Dimensions



51 Contacts



65 Contacts



65 Contacts



70/70A series nanominiature rectangular electrical connectors

PCB Mount Connectors, Thru-Hole

Ordering information

Basic series	70	A	-2	E	2	-025	-32	1	-JC
System Thread:									
A = Metric system thread, M1.6									
Omit = British system thread, #0-80 UNF-2									
Versions:									
2 = Double-row connectors									
Connector type:									
G = Pins, Vertical Mount Thru-Hole (BST type)									
H = Sockets, Vertical Mount Thru-Hole (BST type)									
E = Pins, Right-Angle Mount Thru-Hole (BRT type)									
F = Sockets, Right-Angle Mount Thru-Hole (BRT type)									
Shell Material and Finish:									
2 = Aluminum Shell, Chemical Nickel									
Contact Layout: 009, 015, 021, 025, 031, 037, 051, 065									
Contact Termination:									
13 – straight PCB pin, PC Tail Length 2.77 mm									
14 – straight PCB pin, PC Tail Length 3.56 mm									
15 – straight PCB pin, PC Tail Length 4.37 mm									
32 – right-angle PCB pin, PC Tail Length 2.77 mm									
33 – right-angle PCB pin, PC Tail Length 3.56 mm									
34 – right-angle PCB pin, PC Tail Length 4.37 mm									
23 – straight PCB socket, PC Tail Length 2.77 mm									
24 – straight PCB socket, leading socket 3.56 mm									
25 – straight PCB socket, PC Tail Length 4.37 mm									
43 – right-angle PCB socket, PC Tail Length 2.77 mm									
44 – right-angle PCB socket, PC Tail Length 3.56 mm									
45 – right-angle PCB socket, PC Tail Length 4.37 mm									
Contact plating:									
1 = Gold Plating									
Hardware:									
JC = Hex Head Jackscrew									
TH = Female Threads									
THA = Female Threads + Hardware kit (2 slotted screws, 2 washers, 2 lockwashers),									
Recommended panel thickness ≤ 2 mm									

70/70A series nanominiature rectangular electrical connectors



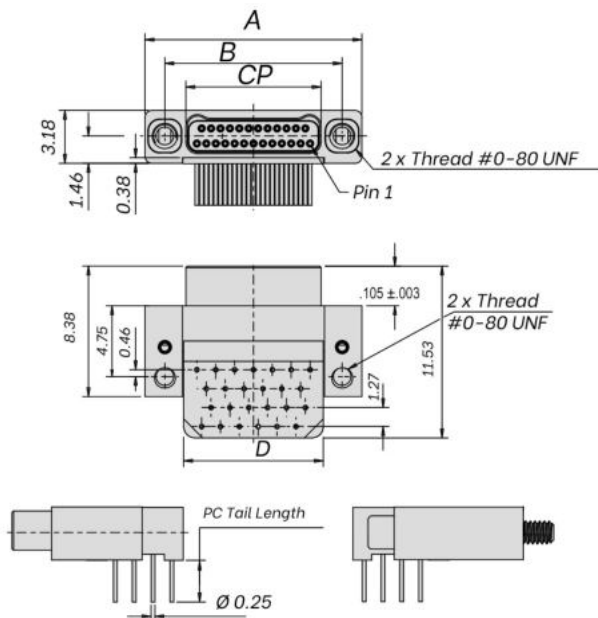
Dimensions

Right Angle Mount Thru Hole PCB Connectors (BRT Type)



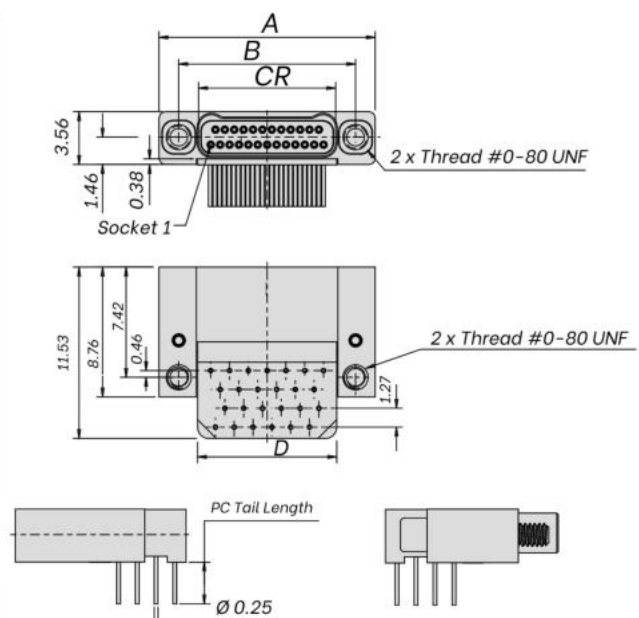
Plug 70(A)-2E2-***-3*1-**

Receptacle 70(A)-2F2-***-4*1-**



Version 1: Plug with 2 x Hex Head Jackscrew, IC Type

Version 2: Plug with 2 x Female Threads, TH Type



Version 1: Receptacle with 2 x Female Threads, TH Type

Version 2: Receptacle with 2 x Hex Head Jackscrew, IC Type

Plugs

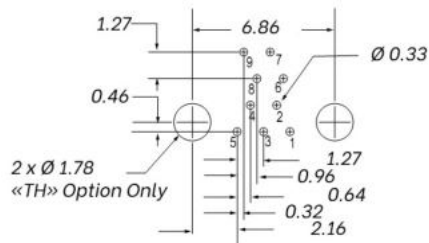
Contact Layout	A	B	CP	CR	D	System Thread
009	9.52	6.86	4.06	4.14	4.32	M1.6/#0-80 UNF
015	11.43	8.76	5.97	6.04	6.22	M1.6/#0-80 UNF
021	13.33	10.67	7.87	7.95	8.13	M1.6/#0-80 UNF
025	14.60	11.94	9.14	9.22	9.40	M1.6/#0-80 UNF
031	16.51	13.84	11.05	11.12	11.30	M1.6/#0-80 UNF
037	18.41	15.75	12.95	13.03	13.21	M1.6/#0-80 UNF
051	22.86	20.19	17.40	17.47	17.65	M1.6/#0-80 UNF
065	27.31	24.64	21.84	21.92	22.10	M1.6/#0-80 UNF
069	28.57	25.91	23.11	23.19	23.37	M1.6/#0-80 UNF

Receptacles

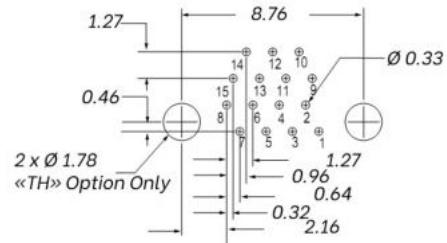


70/70A series nanominiature rectangular electrical connectors

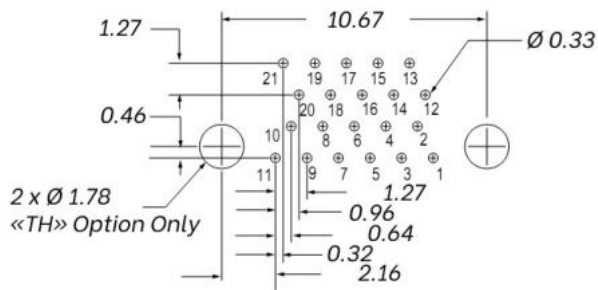
Right Angle Mount Thru Hole, PCB Plug Footprint Plug 70(A)-2E2-***-3*1-** (BRT Type)



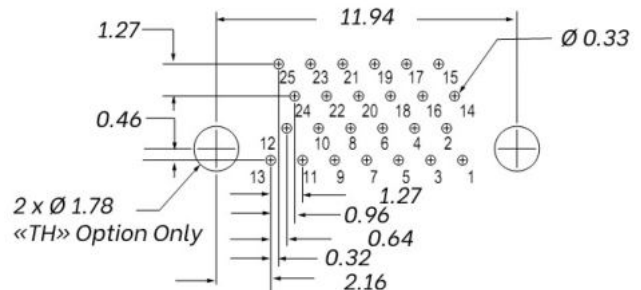
9 Contacts



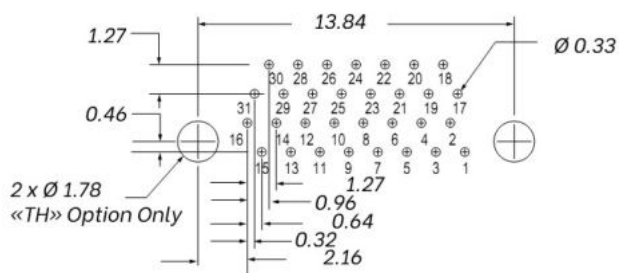
15 Contacts



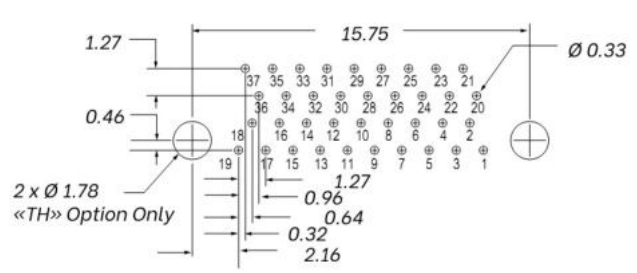
21 Contacts



25 Contacts



31 Contacts

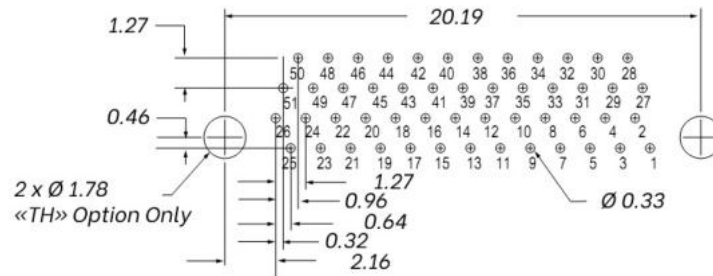


37 Contacts

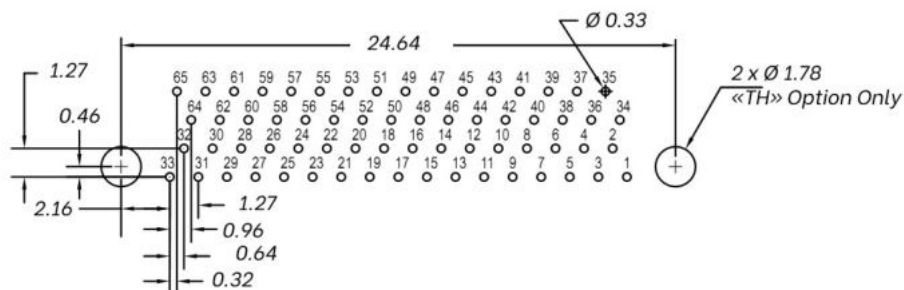
70/70A series nanominiature rectangular electrical connectors



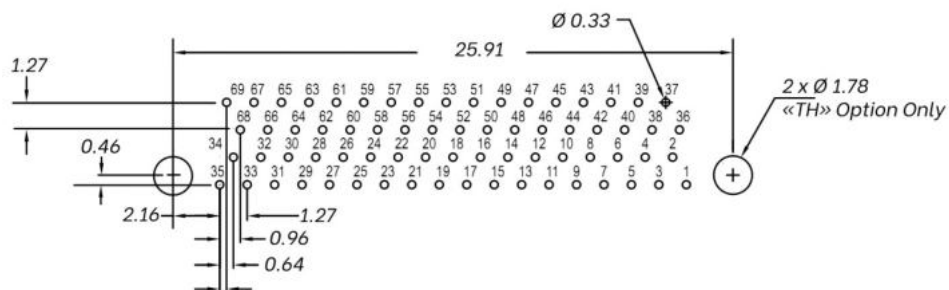
Right Angle Mount Thru Hole, PCB Plug Footprint Plug 70(A)-2E2-***-3*1-** (BRT Type)



51 Contacts



65 Contacts

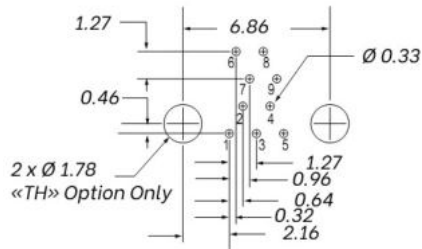


69 Contacts

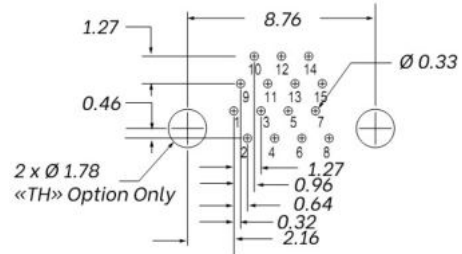


70/70A series nanominiature rectangular electrical connectors

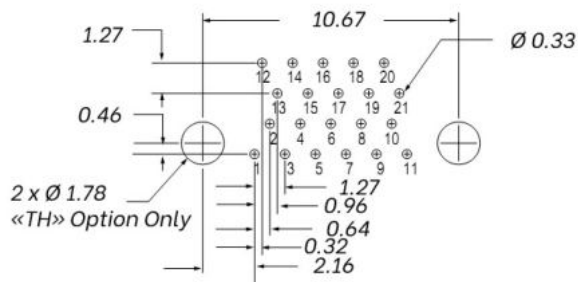
Right Angle Mount Thru Hole, PCB Receptacle Footprint Receptacle 70(A)-2F2-***-4*1-** (BRT Type)



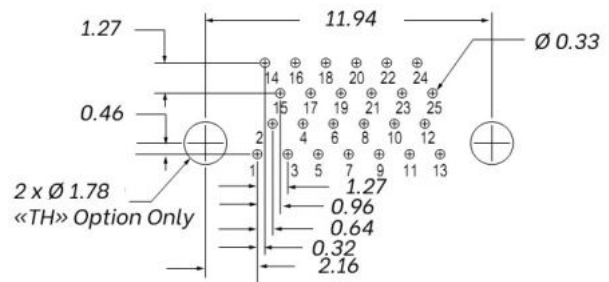
9 Contacts



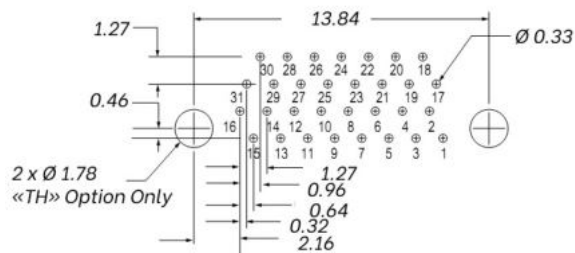
15 Contacts



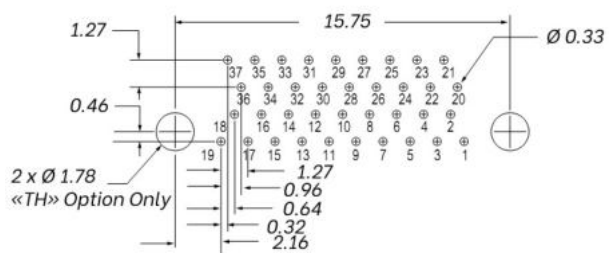
21 Contacts



25 Contacts



31 Contacts

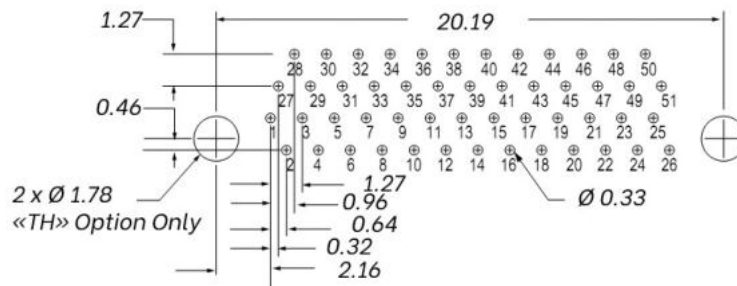


37 Contacts

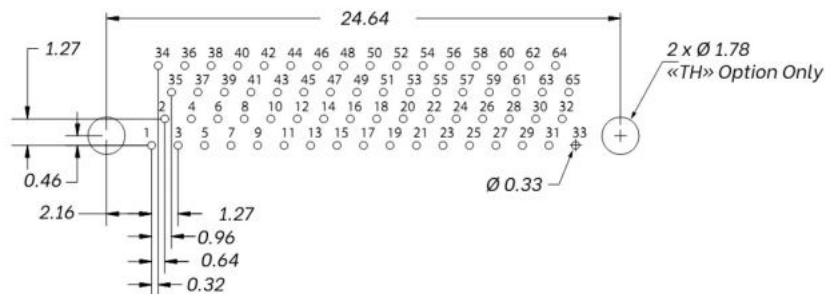
70/70A series nanominiature rectangular electrical connectors



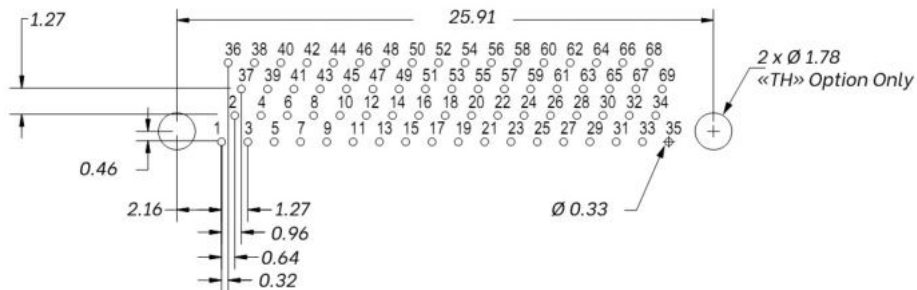
Right Angle Mount Thru Hole, PCB Receptacle Footprint Receptacle 70(A)-2F2-***-4*1-** (BRT Type)



51 Contacts



65 Contacts



69 Contacts

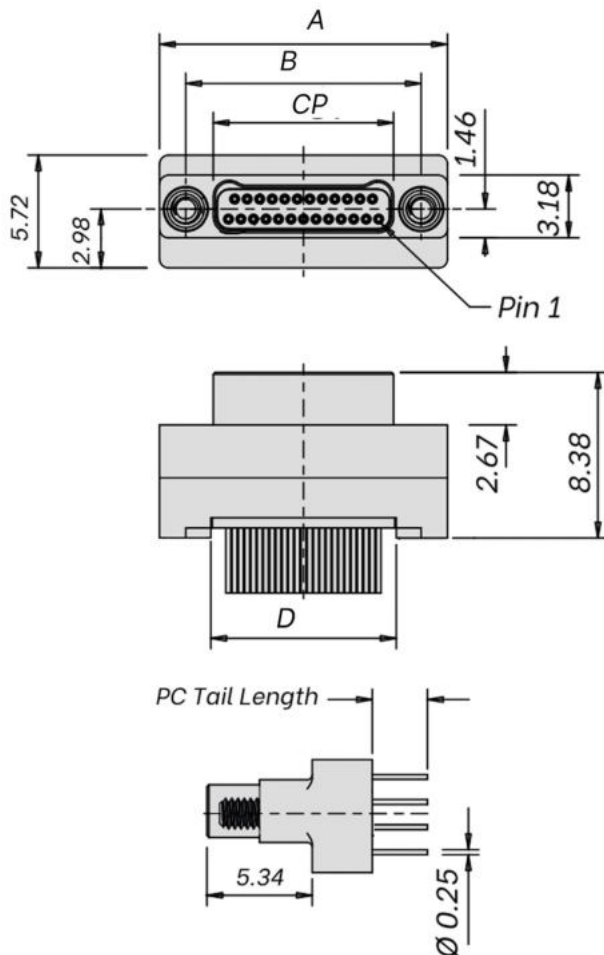


70/70A series nanominiature rectangular electrical connectors

Vertical Mount Thru Hole PCB Connectors (BST Type)

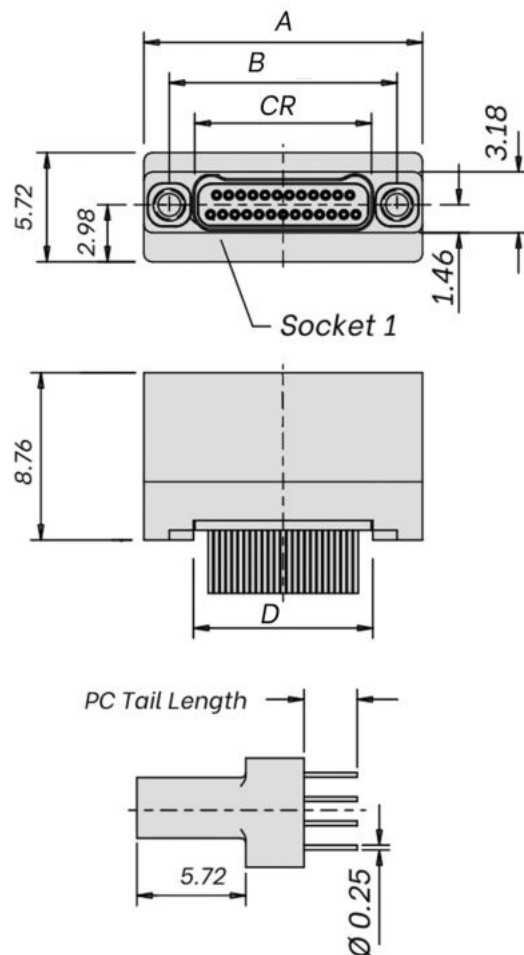
Plug 70(A)-2G2-***-1*1-**

Receptacle 70(A)-2H2-***-2*1-**



Version 1: Plug with 2 x Hex Head Jackscrew, JC Type

Version 2: Plug with 2 x Female Threads, TH Type



Version 1: Receptacle with 2 x Female Threads, TH Type

Version 2: Receptacle with 2 x Hex Head Jackscrew, JC Type

Plugs

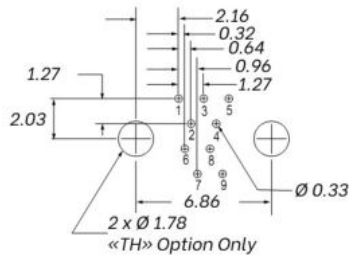
Receptacles

Contact Layout	A	B	CP	CR	D	System Thread
009	9.52	6.86	4.06	4.14	4.32	M1.6/#0-80 UNF
015	11.43	8.76	5.97	6.04	6.22	M1.6/#0-80 UNF
021	13.33	10.67	7.87	7.95	8.13	M1.6/#0-80 UNF
025	14.60	11.94	9.14	9.22	9.40	M1.6/#0-80 UNF
031	16.51	13.84	11.05	11.12	11.30	M1.6/#0-80 UNF
037	18.41	15.75	12.95	13.03	13.21	M1.6/#0-80 UNF
051	22.86	20.19	17.40	17.47	17.65	M1.6/#0-80 UNF
065	27.31	24.64	21.84	21.92	22.10	M1.6/#0-80 UNF
069	28.57	25.91	23.11	23.19	23.37	M1.6/#0-80 UNF

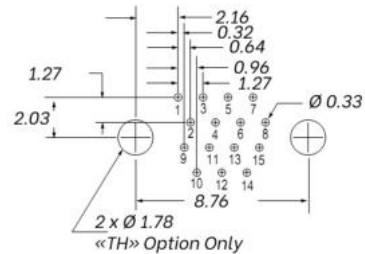
70/70A series nanominiature rectangular electrical connectors



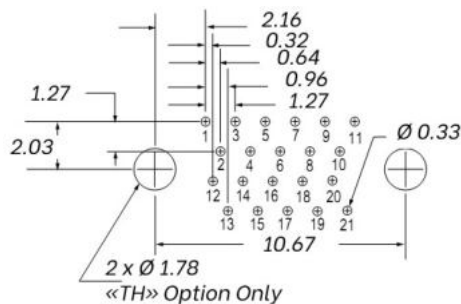
Vertical Mount, Thru Hole, PCB Plug Footprint Plug 70(A)-2G2-***-1*1-** (BST Type)



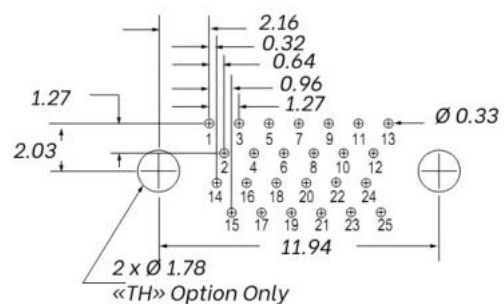
9 Contacts



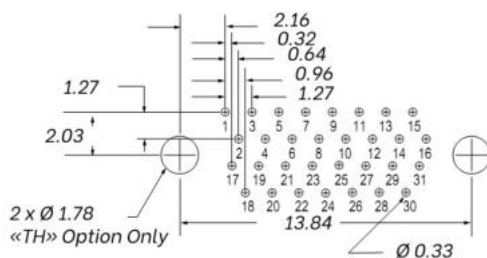
15 Contacts



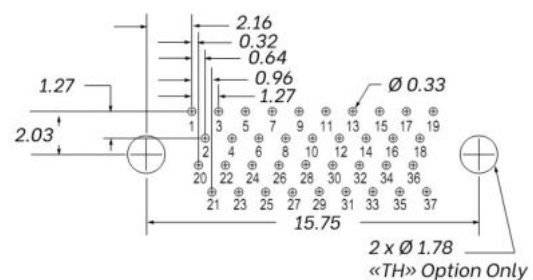
21 Contacts



25 Contacts



31 Contacts

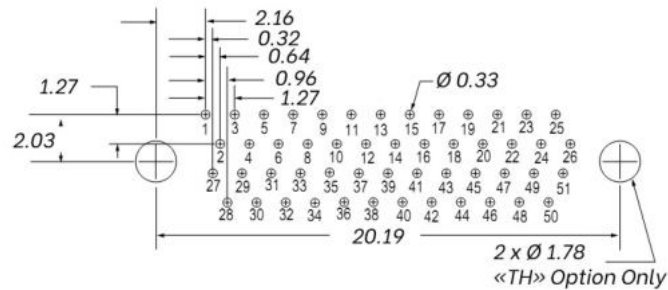


37 Contacts

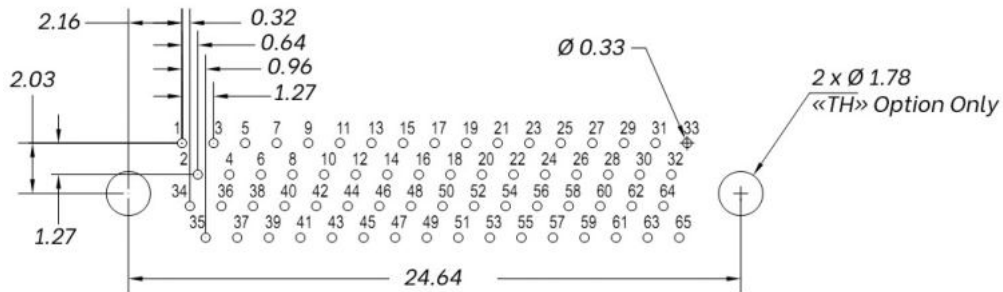


70/70A series nanominiature rectangular electrical connectors

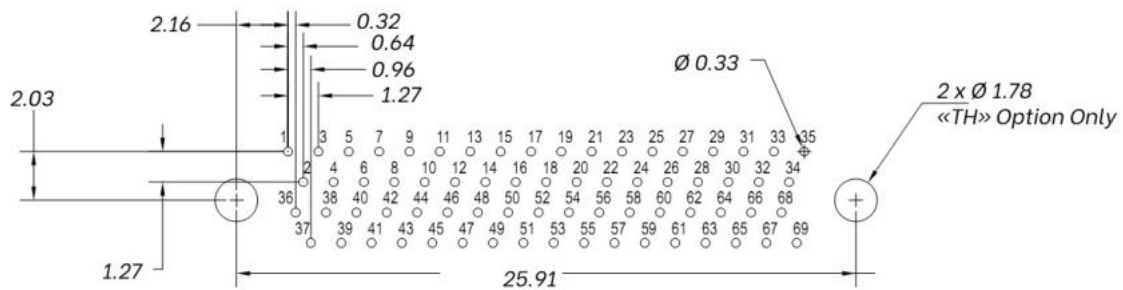
Vertical Mount, Thru Hole, PCB Plug Footprint
Plug 70(A)-2G2-***-1*1-** (BST Type)



51 Contacts



65 Contacts

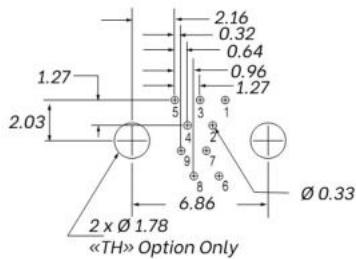


69 Contacts

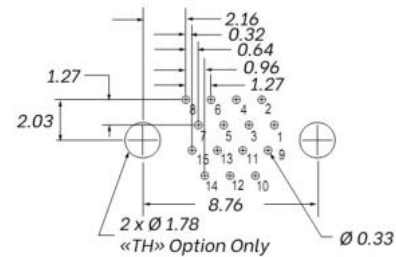
70/70A series nanominiature rectangular electrical connectors



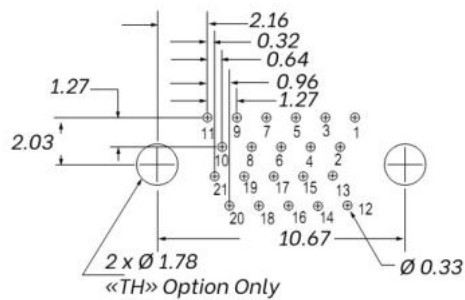
Vertical Mount, Thru Hole, PCB Receptacle Footprint Receptacle 70(A)-2H2-***-2*1-** (BST Type)



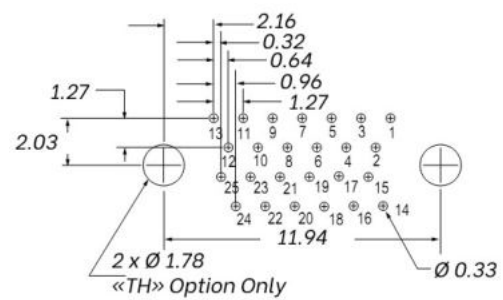
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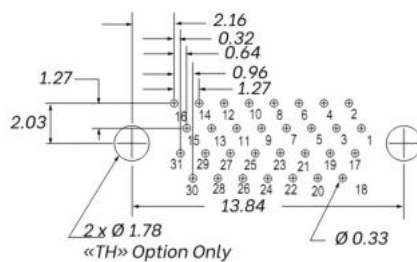
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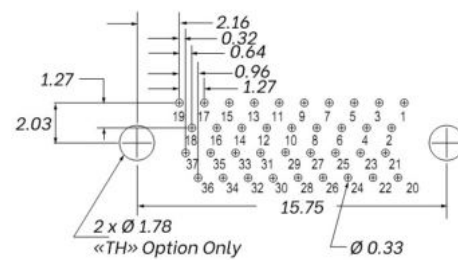
21 Contacts



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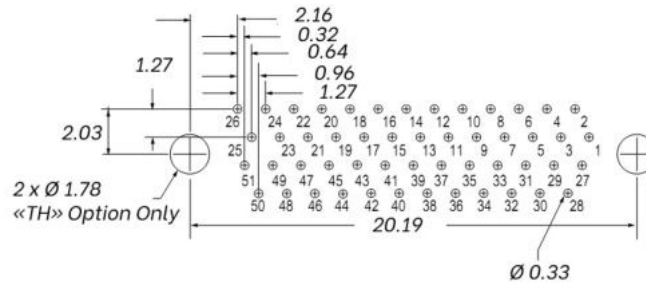


37 Contacts

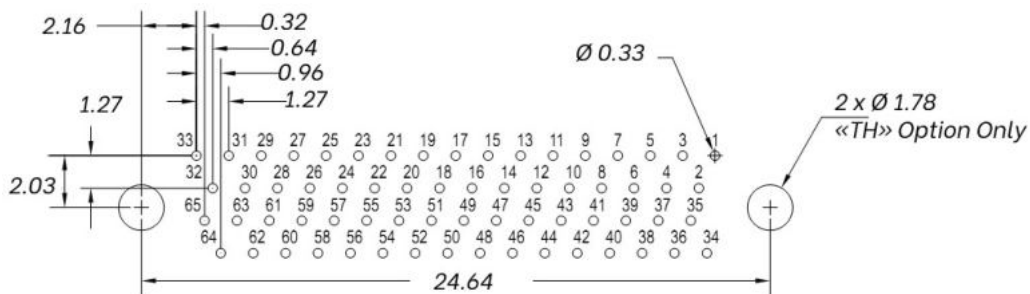


70/70A series nanominiature rectangular electrical connectors

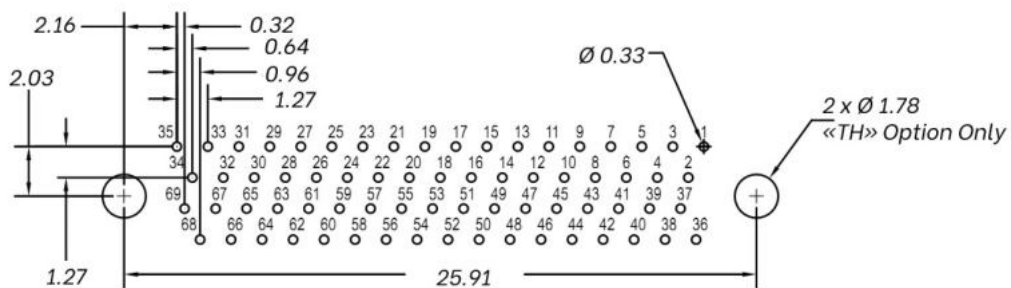
Vertical Mount, Thru Hole, PCB Receptacle Footprint Receptacle 70(A)-2H2-***-2*1-** (BST Type)



51 Contacts



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