

G17BH High Density DSub Connector R/A PCB Mount

High Density through-hole DSub connectors for PCB mount, 8.89mm footprint.

Materials

- Housing – 94V-0 thermoplastic
- Contacts – P/B with 50µ" Ni
- Shell – Carbon steel
- Board-locks – P/B
- Screw-locks – Brass

Durability

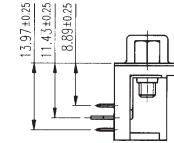
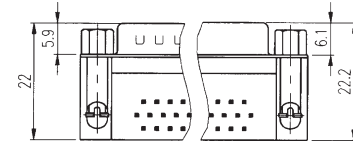
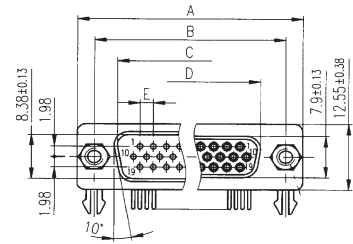
- Gold Flash – 75 cycles
- 15µ" Gold – 125 cycles
- 30µ" Gold – 250 cycles
- Full gold flash – 75 cycles

Related Information

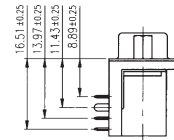
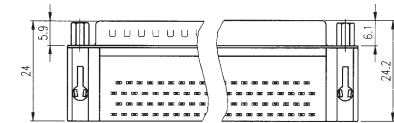
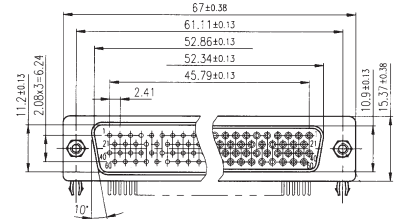
- Panel cutout – Page D-2
- PC board layout – Page D-12
- Accessories – Page D-6

Electrical

- Current – 3A
- Voltage – 250VAC/rms 60Hz



78 Positions



Part Number System:

G17BH XX XXXXX X

HD DSub R/A PCB CONNECTOR

Through Hole 2.54mm pitch

NUMBER OF POSITIONS

- 15: 15 Position
- 26: 26 Position
- 44: 44 Position
- 62: 62 Position
- 78: 78 Position

CONTACT STYLE

- 0: Receptacle
- 1: Plug

CONTACT FINISH

- 0: Gold Flash
- 1: 15µ" Gold
- 2: 30µ" Gold
- 3: Full gold flash

FRONT SHELL FINISH

- 0: Zinc chromate
- 1: Tin/Lead over Nickel
- 2: Nickel

VARIATION CODE

Blank: Standard

FLANGE MOUNTING OPTION

- 0: Ø3.05mm clear hole
- 1: #4-40 threaded hole
- 2: #4-40 threaded screw-lock installed
- 3: #4-40 threaded hole with #4-40 threaded screw-lock bulk-packed
- 4: M3 threaded hole
- 5: M3 screw-lock installed
- 6: #4-40 threaded hole with M2.6 screw-lock bulk-packed
- 7: #4-40 threaded screw-lock clinch-mounted installed

BOARD MOUNT OPTION

- 0: None
- 1: Ø3.05mm clear hole
- 2: #4-40 threaded hole
- 3: Arrowhead board-lock

No. of Positions	Dimensions				
	A	B	C	D	E
15	30.84	24.99	16.92	16.24	2.29
26	39.24	33.32	24.70	24.56	2.29
44	53.04	47.04	38.96	38.38	2.29
62	69.32	63.50	55.42	54.76	2.29

G17UH HD DSub Connector R/A PCB Mount with Ferrite

Low cost solution for EMI and EMP

Characteristics

Same as G17BH

Related Information

Same as G17BH

Part Number System:

G17UH XX XXXXX X

HD DSub PCB CONNECTOR

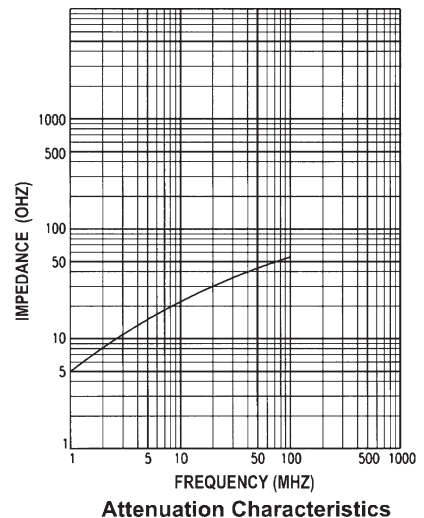
R/A Through Hole with ferrite

NUMBER OF POSITIONS

- 15: 15 Position
- 26: 26 Position
- 44: 44 Position
- 62: 62 Position

SAME AS G17BH

DSub	Impedance Ω		Range
	25MHz	100MHz	
15	32	55	100MHz to 300MHz
26			
44			
62			



Attenuation Characteristics

For further variations and information, consult representative

G17TH High Density DSub Connector PCB Mount

High Density through-hole DSub connectors for Vertical PCB mount.

Materials

- Housing – 94V-0 thermoplastic
- Contacts – P/B with 50µ" Ni
- Shell – Carbon steel
- Clinch nut – Brass
- Board-locks – P/B
- Screw-locks – Brass

Electrical

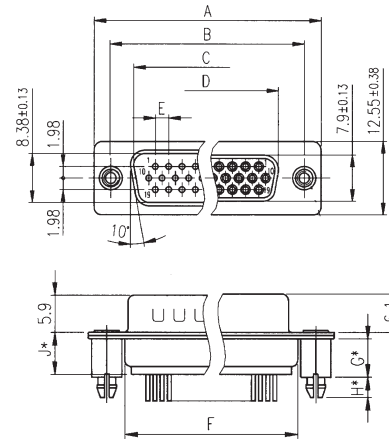
- Current – 3A
- Voltage – 250VAC/rms 60Hz

Durability

- Gold Flash – 75 cycles
- 15µ" Gold – 125 cycles
- 30µ" Gold – 250 cycles
- Full gold flash – 75 cycles

Related Information

- Panel cutout – Page D-2
- PC board layout – Page D-12
- Accessories – Page D-6



Part Number System:

G17TH XX XXXXX X

HD DSub PCB CONNECTOR
Vertical Through Hole

NUMBER OF POSITIONS

- 15: 15 Position
- 26: 26 Position
- 44: 44 Position
- 62: 62 Position
- 78: 78 Position

CONTACT STYLE

- 0: Receptacle
- 1: Plug

CONTACT FINISH

- 0: Gold Flash
- 1: 15µ" Gold
- 2: 30µ" Gold
- 3: Full gold flash

FRONT SHELL FINISH

- 0: Zinc chromate
- 1: Tin/Lead over Nickel
- 2: Nickel

VARIATION CODE

See variation code chart

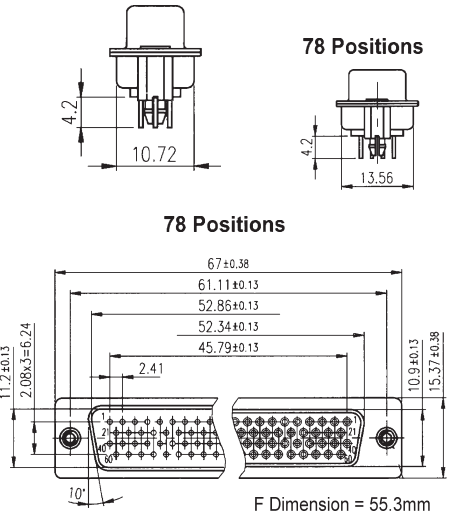
FLANGE MOUNTING OPTION

- 0: Ø3.05mm clear hole
- 1: #4-40 threaded hole
- 2: #4-40 threaded screw-lock installed
- 3: #4-40 threaded hole with #4-40 threaded screw-lock bulk-packed
- 4: M3 threaded hole
- 5: M3 screw-lock installed
- 6: #4-40 threaded hole with M2.6 screw-lock bulk-packed
- 7: #4-40 threaded screw-lock clinch-mounted installed

BOARD MOUNT OPTION

- 0: None
- 1: #4-40 threaded hole
- 2: 2-finger board-lock
- 3: 4-finger board-lock

No. of Positions	Dimensions					
	A	B	C	D	E	F
15	30.84	24.99	16.92	16.24	2.29	19.28
26	39.24	33.32	24.70	24.56	2.29	27.51
44	53.04	47.04	38.96	38.38	2.29	41.30
62	69.32	63.50	55.42	54.76	2.29	57.71



	Dimensions					
	Blank	Variation Code				
		A	B	C	D	E
G*	Nil	5.0	5.8	6.0	6.1	6.1
H*	Nil	Nil	Nil	3.2	3.2	4.2
J*	6.2	6.2	6.2	6.2	6.2	6.2
	F	G	H	I	J	K
G*	6.3	12.7	13.6	14	14.2	Nil
H*	Nil	3.2	3.5	3.5	3.5	Nil
J*	6.2	11.8	11.8	11.8	11.8	11.8

G17YH HD DSub Connector PCB Mount with Ferrite

Low cost solution for EMI and EMP, for Vertical PCB mount

Characteristics

Same as G17TH

Related Information

Same as G17TH

Part Number System:

G17YH XX XXXXX X

HD DSub PCB CONNECTOR
Vertical Through Hole with ferrite

NUMBER OF POSITIONS

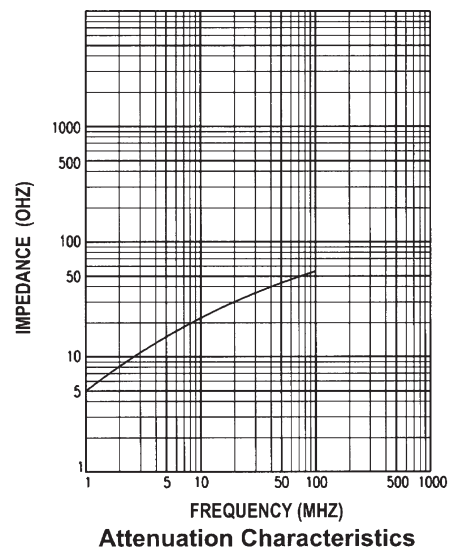
- 15: 15 Position
- 26: 26 Position
- 44: 44 Position
- 62: 62 Position

SAME AS G17TH

VARIATION CODE

Blank: Standard

DSub	Impedance Ω		Range
	25MHz	100MHz	
15	32	55	100MHz to 300MHz
26			
44			
62			



For further variations and information, consult representative

G17RH High Density DSub, Rear Release Crimp Type

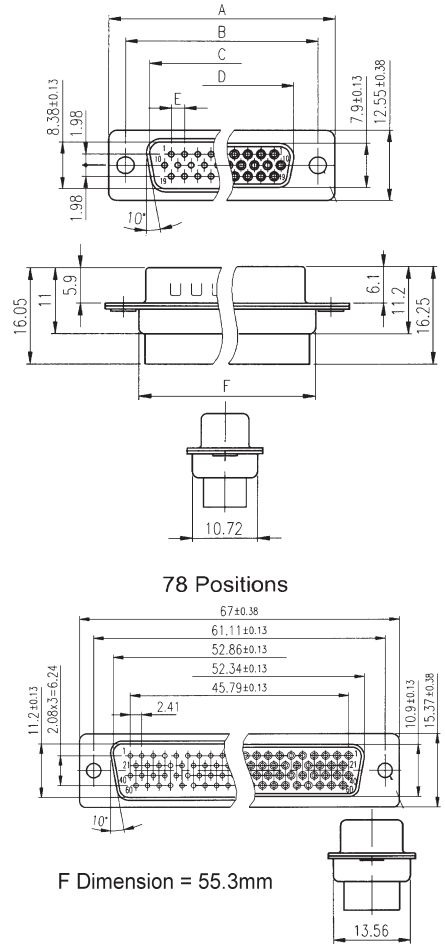
Crimp type DSub connector for cable application.

Materials

Housing	- 94V-0 thermoplastic
Shell	- Carbon steel
Clinch nut	- Brass
Screw-locks	- Brass

Related Information

Panel cutout	- Page D-2
Accessories	- Page D-5/6/13
Contacts	- See below



Part Number System:

G17RH XX XX 0X X

HD DSub Crimp type
Cable Mount

NUMBER OF POSITIONS

- 15: 15 Position
- 26: 26 Position
- 44: 44 Position
- 62: 62 Position
- 78: 78 Position

CONTACT STYLE

- 0: Receptacle
- 1: Plug

FRONT SHELL FINISH

- 0: Zinc chromate
- 1: Tin/Lead over Nickel
- 2: Nickel

VARIATION CODE

Blank: Standard

FLANGE MOUNTING OPTION

- 0: Ø3.05mm clear hole
- 1: #4-40 threaded hole
- 2: #4-40 threaded screw-lock installed
- 3: #4-40 threaded hole with #4-40 threaded screw-lock bulk-packed
- 4: M3 threaded hole
- 5: M3 screw-lock installed
- 6: #4-40 threaded hole with M2.6 screw-lock bulk-packed
- 7: #4-40 threaded screw-lock clinch-mounted installed

No. of Positions	Dimensions					
	A	B	C	D	E	F
15	30.84	24.99	16.92	16.24	2.29	19.28
26	39.24	33.32	24.70	24.56	2.29	27.51
44	53.04	47.04	38.96	38.38	2.29	41.30
62	69.32	63.50	55.42	54.76	2.29	57.71

G17RHC DSub Crimp Contacts

For rear release G17RH

Materials

Pin Contact	- Brass with 50µ" Ni
Socket Contact	- P/B with 50µ" Ni

Electrical

Current	- 3A
Voltage	- 250VAC/rms 60Hz

Durability

Gold Flash	- 75 cycles
15µ" Gold	- 125 cycles
30µ" Gold	- 250 cycles
Full gold flash	- 75 cycles

Related Information

Wire Gauge	- 22~28AWG
Tooling	- Consult representative

Part Number System:

G17RHC X X X X X

HD DSub CRIMP CONTACT
Pin and Socket

CONTACT STYLE

- 0: Female
- 1: Male

CONTACT FINISH

- 0: Gold Flash
- 1: 15µ" Gold
- 2: 30µ" Gold
- 3: Full gold flash

VARIATION CODE

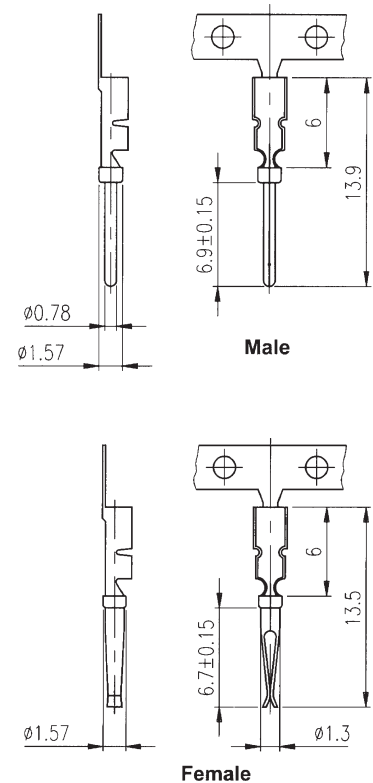
Blank: Standard

PACKING OPTION

- 3: Reel of 5,000
- 4: Reel of 10,000

PACKING STYLE

- 0: Right-hand feed
- 1: Left-hand feed



For further variations and information, consult representative

G17SH High Density DSub Solder-pot Termination

Solder-pot termination for High Density cable applications.

Materials

- Housing – 94V-0 thermoplastic
- Pin contact – Brass with 50µ" Ni
- Socket contact – P/B with 50µ" Ni
- Shell – Carbon steel
- Board-locks – P/B
- Screw-locks – Brass

Electrical

- Current – 3A, 250VAC/rms 60Hz

Durability

- Gold Flash – 75 cycles
- 15µ" Gold – 125 cycles
- 30µ" Gold – 250 cycles
- Full gold flash – 75 cycles

Related Information

- Panel cutout – Page D-2
- Accessories – Page D-5/6/13

Part Number System:

G17SH XX XXXXX X

HD DSub CONNECTOR

Solder pot

NUMBER OF POSITIONS

- 15: 15 Position
- 26: 26 Position
- 44: 44 Position
- 62: 62 Position
- 78: 78 Position

CONTACT STYLE

- 0: Receptacle
- 1: Plug

CONTACT FINISH

- 0: Gold Flash
- 1: 15µ" Gold
- 2: 30µ" Gold
- 3: Full gold flash

FRONT SHELL FINISH

- 0: Zinc chromate
- 1: Tin/Lead over Nickel
- 2: Nickel

VARIATION CODE

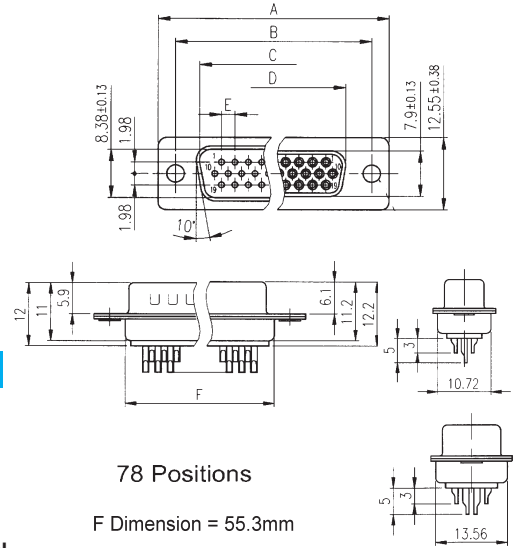
Blank: Standard

FLANGE MOUNTING OPTION

- 0: Ø3.05mm clear hole
- 1: #4-40 threaded hole
- 2: #4-40 threaded screw-lock installed
- 3: #4-40 threaded hole with #4-40 threaded screw-lock bulk-packed
- 4: M3 threaded hole
- 5: M3 screw-lock installed
- 6: #4-40 threaded hole with M2.6 screw-lock bulk-packed
- 7: #4-40 threaded screw-lock clinch-mounted installed

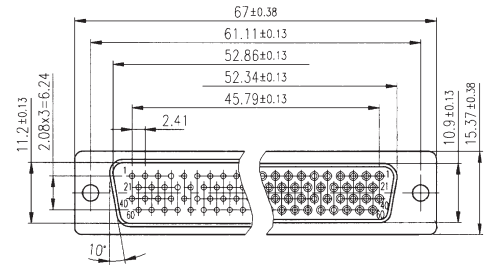
BACK SHELL FINISH

- 0: Zinc chromate
- 1: Tin/Lead over Nickel
- 2: Nickel



78 Positions

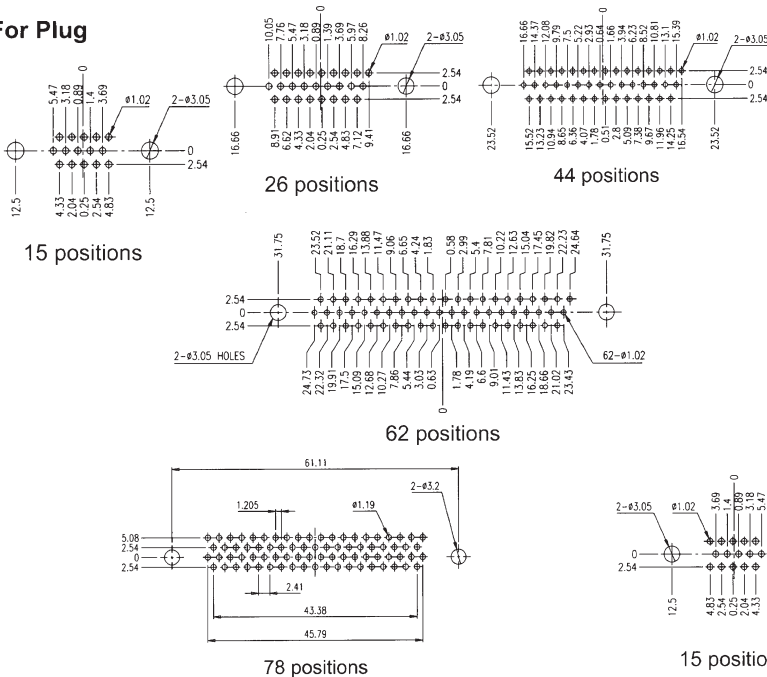
F Dimension = 55.3mm



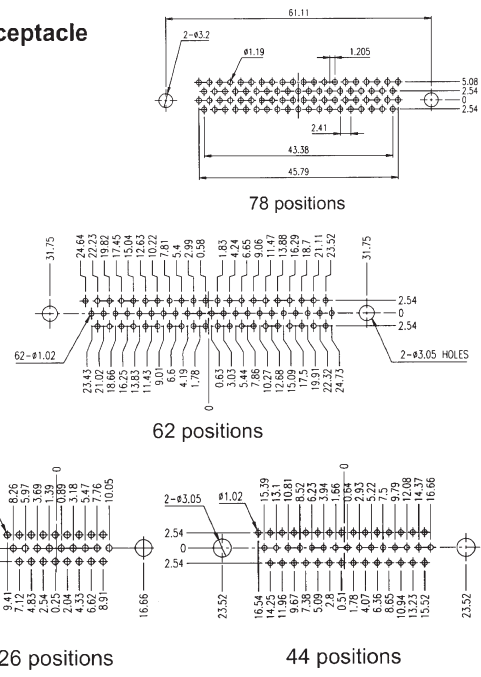
No. of Positions	Dimensions					
	A	B	C	D	E	F
15	30.84	24.99	16.92	16.24	2.29	19.28
26	39.24	33.32	24.70	24.56	2.29	27.51
44	53.04	47.04	38.96	38.38	2.29	41.30
62	69.32	63.50	55.42	54.76	2.29	57.71

Recommended PCB layout for vertical and right angle High Density DSub connectors

For Plug



For Receptacle



For further variations and information, consult representative