



SPECIFICATIONS

Current Rating: 3.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ
 Withstand Voltage: 500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Brass
 Contact plating area: Au or Sn Over Ni
 Insulation Material: Polyester (UL94V-0)
 Standard: PBT+30%GF
 Shell: Cold Roller Steel, Ni Plated
 Nut: Brass, Ni Plated



6210-XXFNSXB01



6210-XXMNSXB01

6210 - XX X X SX B 01

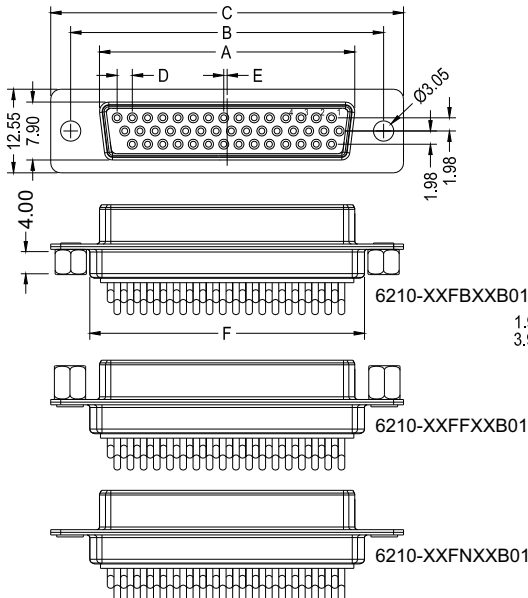
Positions
 15, 26, 44,
 62, 78,

M: Male
 F: Female

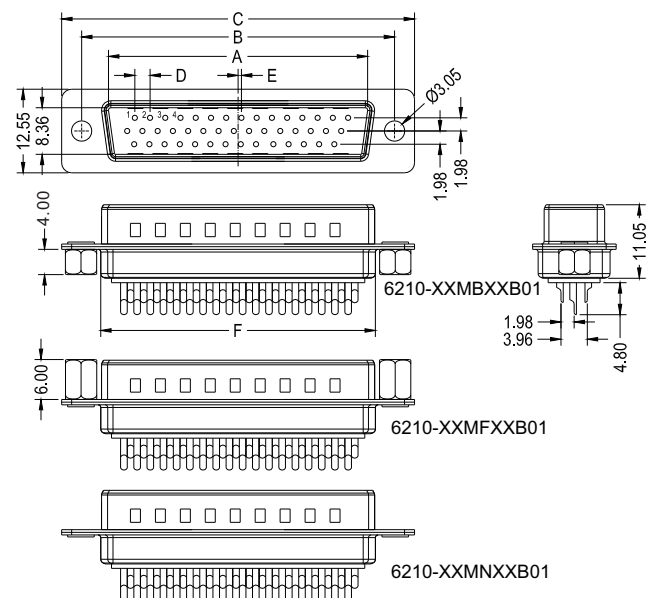
Contact Type
 B=With Back Nut
 F=With Front Nut
 N=Without Fork
 Without Nut

Contact plating area
 S0=Gold Flash/Tin
 S3: 10u" Au/Tin
 S4: 15u" Au/Tin
 S5: 30u" Au/Tin
 SN: Tin

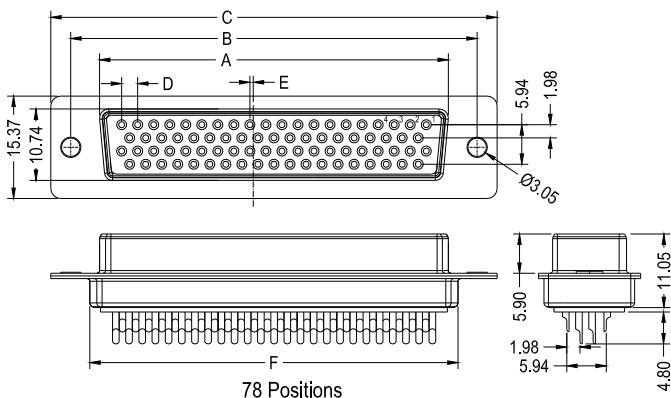
Colour
 B: Black
 U: Blue
 W: White



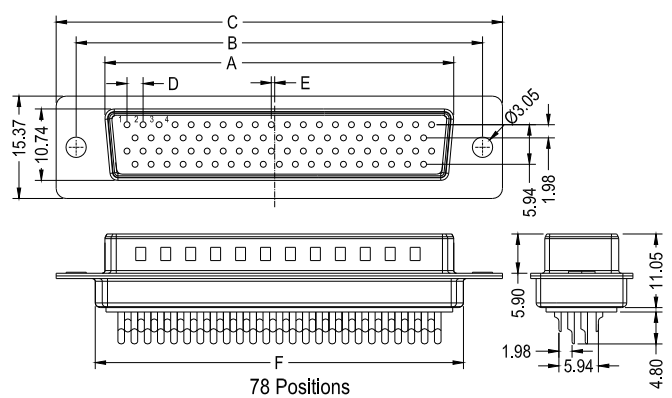
Pos	A	B	C	D	E	F
15	16.33	24.99	30.81	2.29	0.25	19.10
26	24.66	33.32	39.14	2.29	0.51	27.75
44	38.38	47.04	53.04	2.29	0.51	41.30
62	54.84	63.50	69.32	2.41	0.58	57.40
78	53.01	61.11	66.93	0	0.58	55.32



Pos	A	B	C	D	E	F
15	16.92	24.99	30.81	2.29	0.25	19.10
26	25.25	33.32	39.14	2.29	0.51	27.75
44	38.96	47.04	53.04	2.29	0.51	41.30
62	55.42	63.50	69.32	2.41	0.58	57.40
78	52.43	61.11	66.93	2.41	0	55.32



78 Positions



78 Positions



SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:20mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Cold Roller Steel,Ni Plated
Nut:Brass,Ni Plated



6220-XXFNSXB01



6220-XXMNSXB01

6220 - XX X X SX B 01

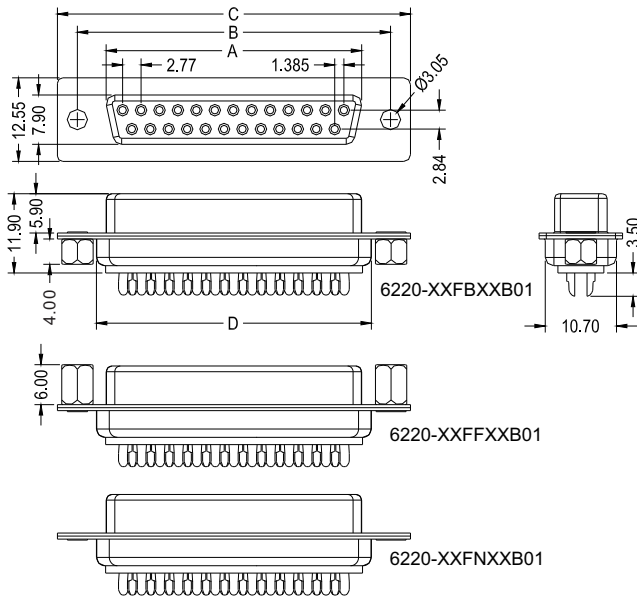
Positions
09,15,25,
37,50

M:Male
F:Female

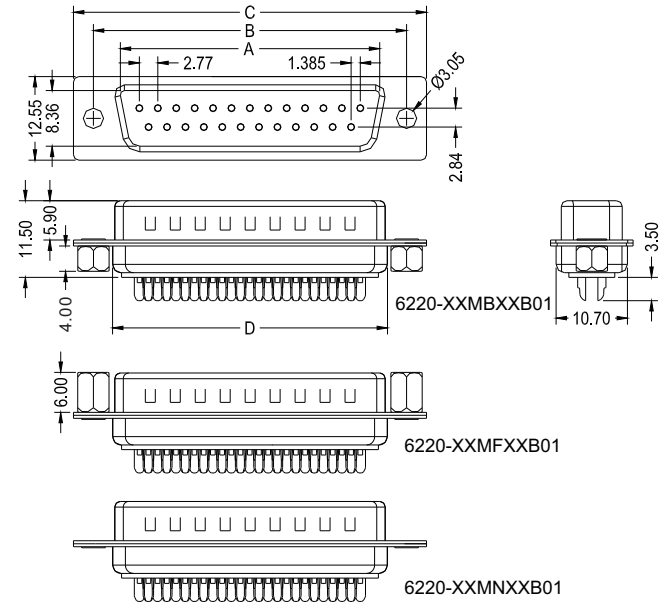
Contact Type
B=With Back Nut
F=With Front Nut
N=Without Fork
Without Nut

Contact plating area
S0=Gold Flash/Tin
S3:10u"Au/Tin
S4:15u"Au/Tin
S5:30u"Au/Tin
SN: Tin

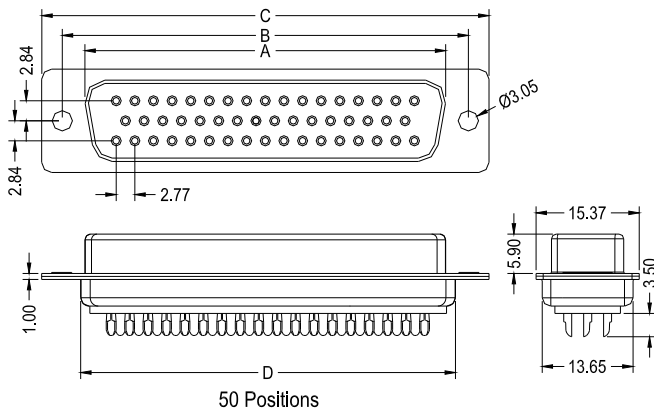
Colour
B:Black
U:Blue
W:White



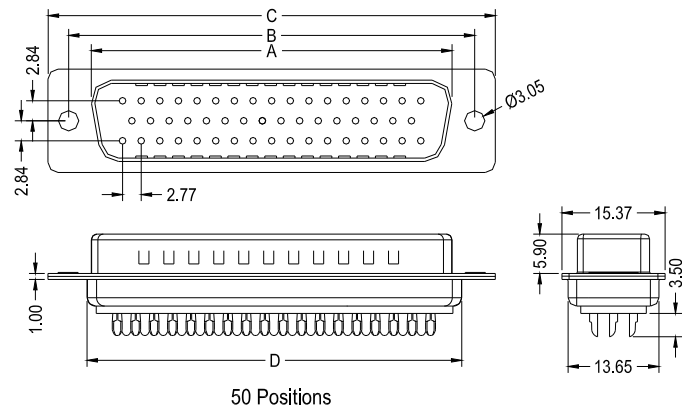
Pos	A	B	C	D
09	16.33	24.99	30.81	19.28
15	24.66	33.32	39.14	27.65
25	38.38	47.04	53.04	41.30
37	54.84	63.50	69.32	57.44
50	52.43	61.11	66.93	55.32



Pos	A	B	C	D
09	16.92	24.99	30.81	19.28
15	25.25	33.32	39.14	27.65
25	38.96	47.04	53.04	41.30
37	55.42	63.50	69.32	57.44
50	53.01	61.11	66.93	55.32



50 Positions



50 Positions

6211 Series, High D-SUB, Crimp Type, Female & Male

SPECIFICATIONS

Current Rating: 3.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ
 Withstand Voltage: 500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Brass/Phosphor Bronze
 Contact plating area: Au or Sn Over Ni
 Insulation Material: Polyester (UL94V-0)
 Standard: PBT+30%GF
 Shell: Cold Roller Steel, Ni Plated
 Nut: Brass, Ni Plated



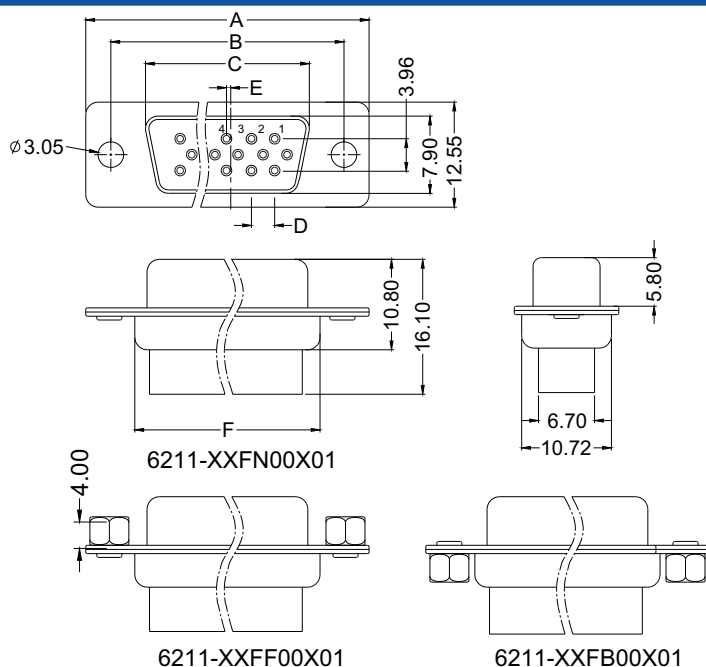
6211 - XX X X 00 B 01

Positions
15, 26, 44, 62

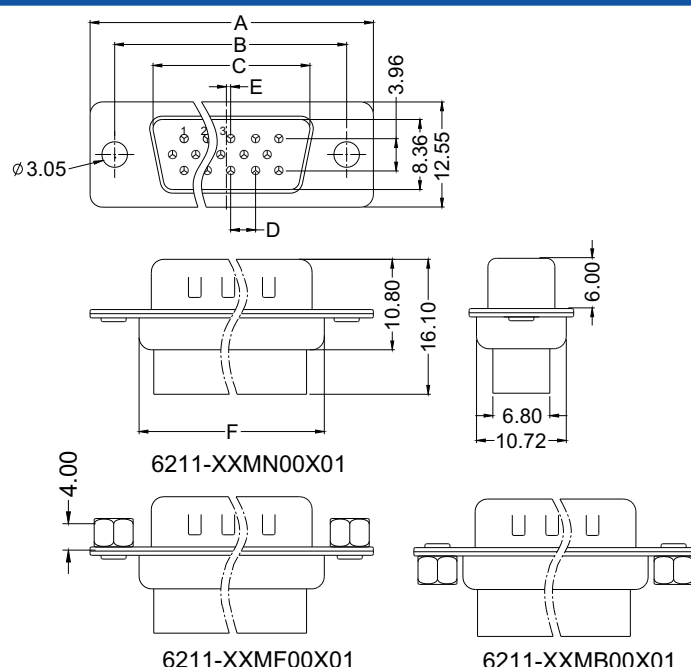
M: Male
F: Female

Contact Type
B=With Back Nut
F=With Front Nut
N=Without Fork
Without Nut

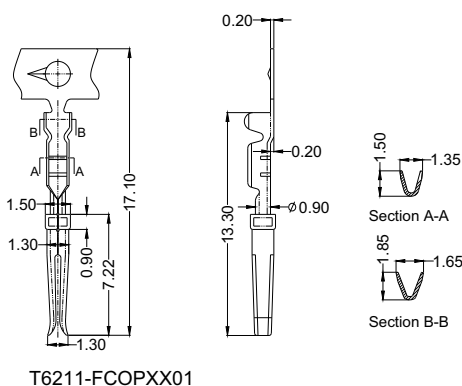
Colour
B: Black
U: Blue
W: White



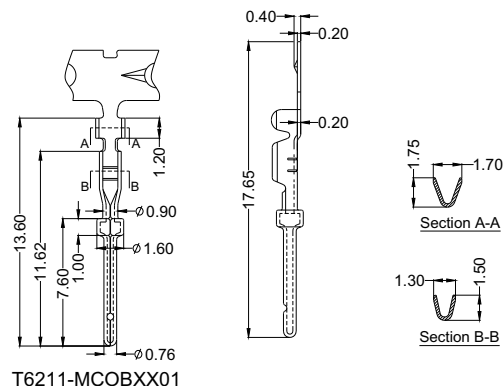
Pos	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"
15	30.81	24.99	16.33	2.29	0.25	19.10
26	39.14	33.32	24.66	2.29	0.51	27.75
44	53.04	47.04	38.38	2.29	0.51	41.30
62	69.32	63.50	54.84	2.41	0.58	57.40



Pos	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"
15	30.81	24.99	16.92	2.29	0.25	19.10
26	39.14	33.32	25.25	2.29	0.51	27.75
44	53.04	47.04	38.96	2.29	0.51	41.30
62	69.32	63.50	55.42	2.41	0.58	57.40



T6211-FCOPXX01



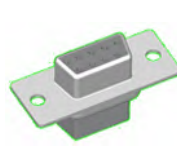
T6211-MCOBXX01



6221 Series,D-SUB,Crimp Type,Female & Male

SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:20mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass/Phosphor Bronze
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Cold Roller Steel,Ni Plated
Nut:Brass,Ni Plated



6221-XXFN00B01



6221-XXFF00B01



6221-XXFB00B01



T6221-FC0PSX01



FILE NO.E248993



6221-XXMN00B01



FILE NO.E248993



6221-XXMF00B01



FILE NO.E248993



6221-XXMB00B01



T6221-MCOBSX01

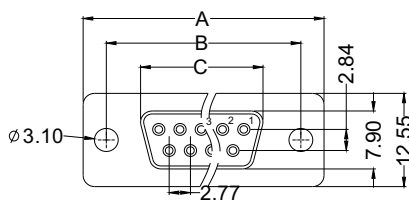
6221 - XX X X 00 B 01

Positions
09,15,25,37

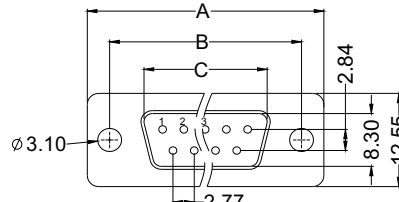
M:Male
F:Female

Contact Type
B=With Back Nut
F=With Front Nut
N=Without Fork
Without Nut

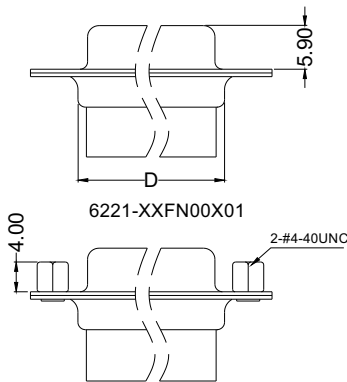
Colour
B:Black
U:Blue



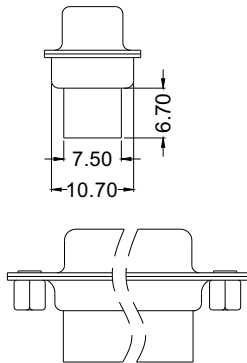
6221-XXFN00X01



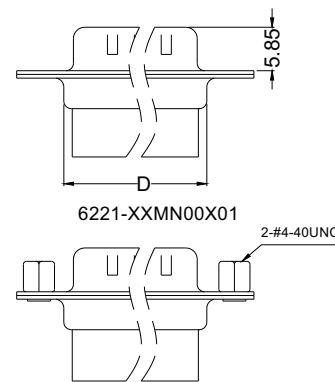
6221-XXMN00X01



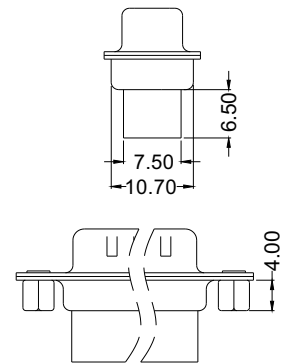
6221-XXFF00X01



6221-XXFB00X01



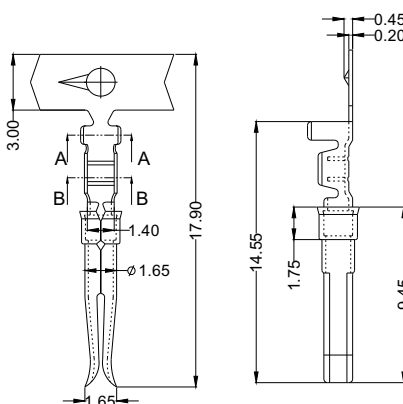
6221-XXMF00X01



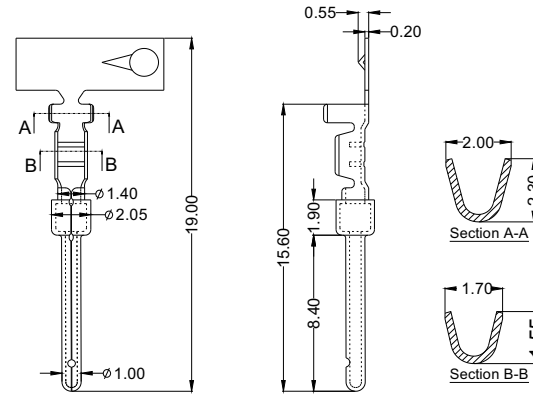
6221-XXMB00X01

Pos	DIM "A"	DIM "B"	DIM "C"	DIM "D"
09	30.81	24.99	16.33	19.28
15	39.14	33.32	24.66	27.70
25	53.04	47.10	38.38	41.30
37	69.32	63.50	54.84	57.30

Pos	DIM "A"	DIM "B"	DIM "C"	DIM "D"
09	30.81	24.99	16.92	19.28
15	39.14	33.32	25.25	27.70
25	53.04	47.10	38.96	41.30
37	69.32	63.50	55.42	57.30



T6221-FCOPXX01



T6221-MCOBXX01

SPECIFICATIONS

Current Rating: 3.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ
 Withstand Voltage: 500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Brass/Phosphor Bronze
 Contact plating area: Au or Sn Over Ni
 Insulation Material: Polyester (UL94V-0)
 Standard: PBT+30%GF
 Shell: Cold Roller Steel, Ni Plated
 Nut: Brass, Ni Plated



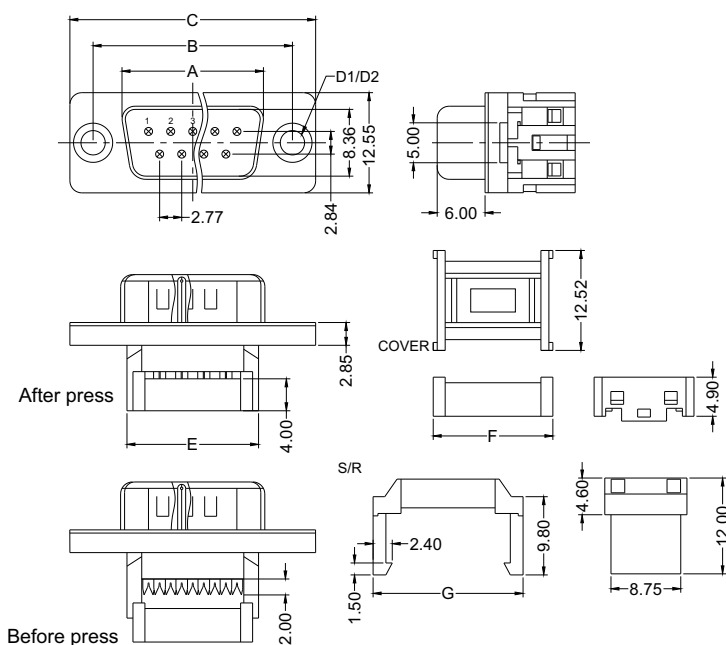
6224-XXFNSXU01



6224-XXMNSXU01

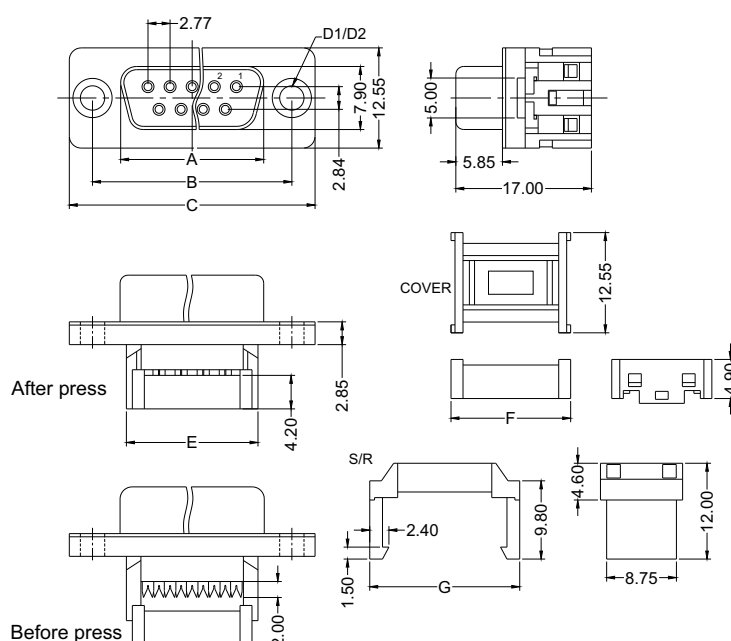
6224	-	<u>XX</u>	<u>X</u>	N	<u>SX</u>	<u>U</u>	0 1
		Positions 09, 15, 25, 37	M: Male F: Female		Contact plating area S0: Gold Flash/Tin S3: 10u" Au/Tin S4: 15u" Au/Tin S5: 30u" Au/Tin SN: Tin	Colour B: Black U: Blue	

6224-XXMNSXU01



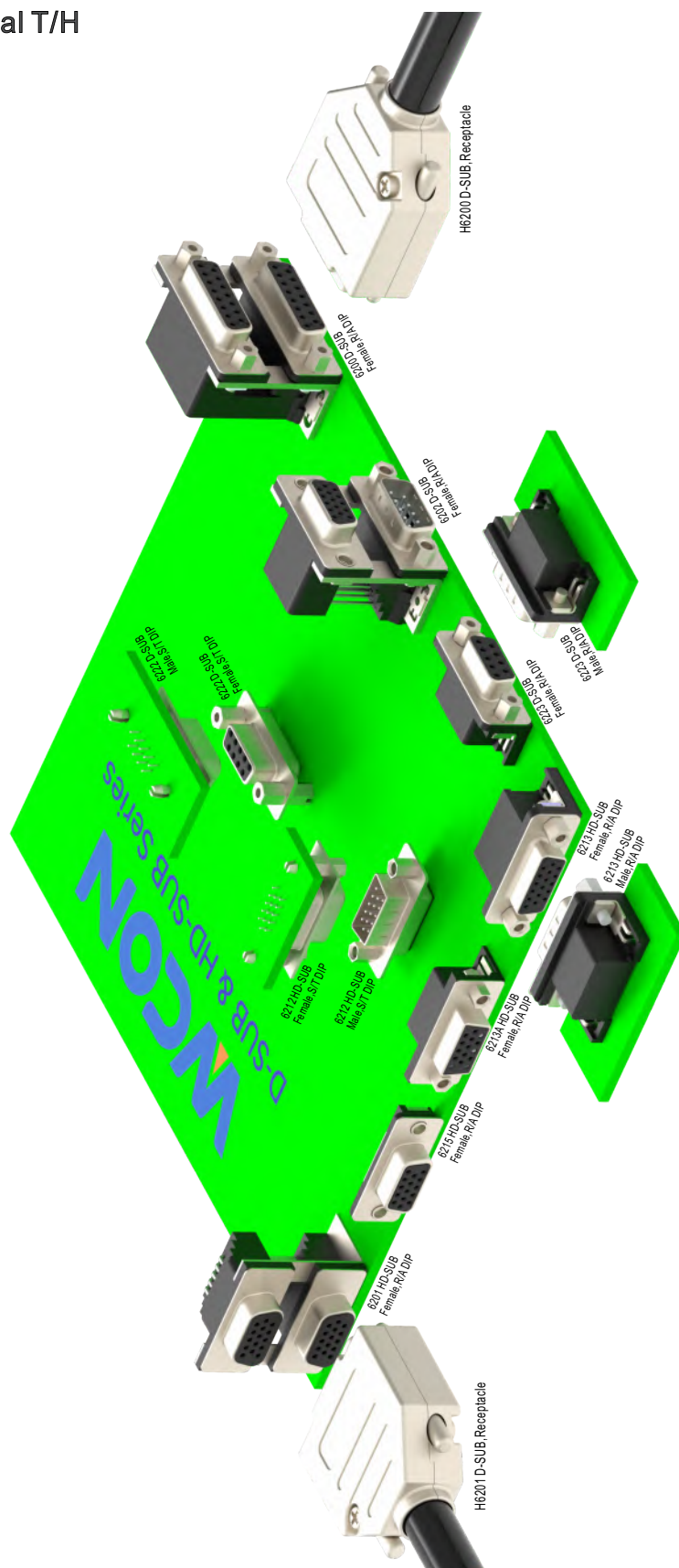
Pos	DIM "A"	DIM "B"	DIM "C"	DIM "D1"	DIM "D2"	DIM "E"	DIM "F"	DIM "G"
09	17.78	24.99	30.82			16.90	15.00	18.80
15	26.15	33.32	39.24			25.60	23.30	26.90
25	39.94	47.04	53.04			38.90	37.00	40.50
37	56.56	63.50	69.62			55.60	53.70	57.20

6224-XXFNSXU01



Pos	DIM "A"	DIM "B"	DIM "C"	DIM "D1"	DIM "D2"	DIM "E"	DIM "F"	DIM "G"
09	16.33	24.99	30.82			16.90	15.00	18.80
15	24.66	33.32	39.24			25.60	23.30	26.90
25	38.38	47.04	53.04			38.90	37.00	40.50
37	54.84	63.50	69.62			55.60	53.70	57.20

Board-Mounting
 S/T DIP:Vertical T/H
 R/A DIP:Horizontal T/H





SPECIFICATIONS

Current Rating: 3.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ
 Withstand Voltage: 500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Brass/Phosphor Bronze
 Contact plating area: Au or Sn Over Ni
 Insulation Material: Polyester (UL94V-0)
 Standard: PBT+30%GF
 Shell: Cold Roller Steel, Ni Plated
 Nut: Brass, Ni Plated



FILE NO E249993



6212-XXFYsXB01



6212-XXMYsXB01

6212 - XX X X SX B 01

Positions
 15, 26, 44,
 62, 78

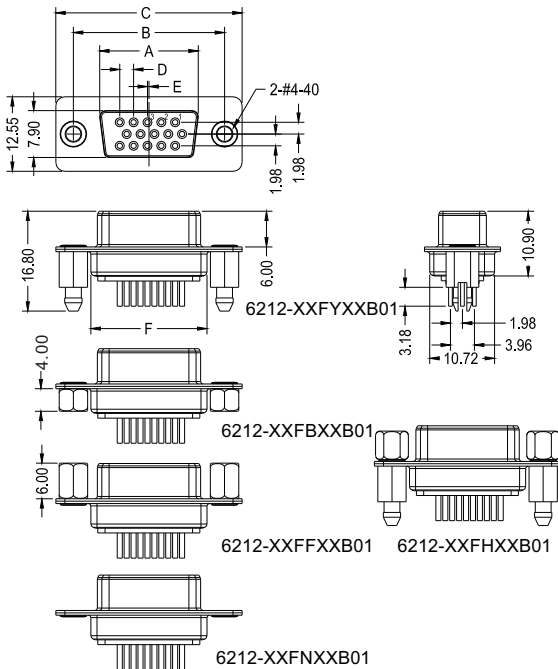
M: Male
 F: Female

Options
 Y=With Back Fork
 H=With Back Fork
 With Screw
 F=With Front Nut
 B=With Back Nut
 N=Without Fork
 Without Nut

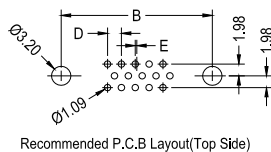
Contact plating area
 S0=Gold Flash/Tin
 S3: 10u"Au/Tin
 S4: 15u"Au/Tin
 S5: 30u"Au/Tin
 SN: Tin

Colour
 B: Black
 U: Blue
 W: White

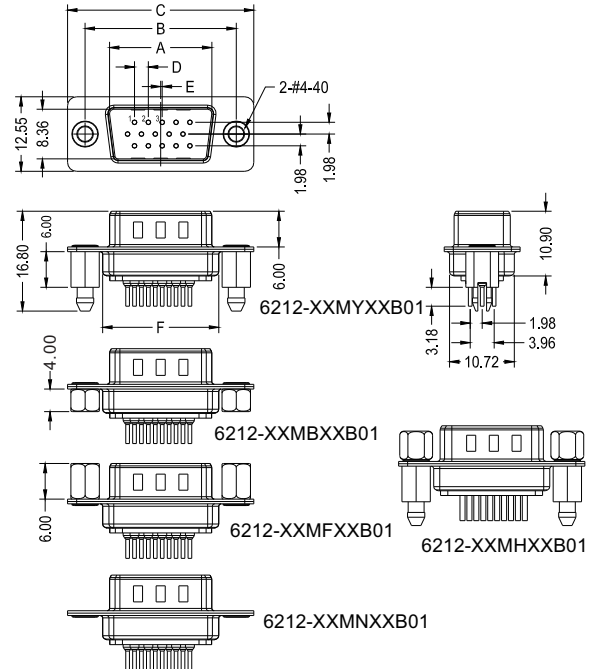
01



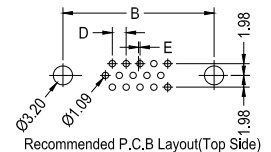
Pos	A	B	C	D	E	F
15	16.33	24.99	30.81	2.29	0.25	19.10
26	24.66	33.32	39.14	2.29	0.51	27.75
44	38.38	47.04	53.04	2.29	0.51	41.30
62	54.84	63.50	69.32	2.41	0.58	57.40
78	52.81	61.11	66.93	2.41	0	55.32



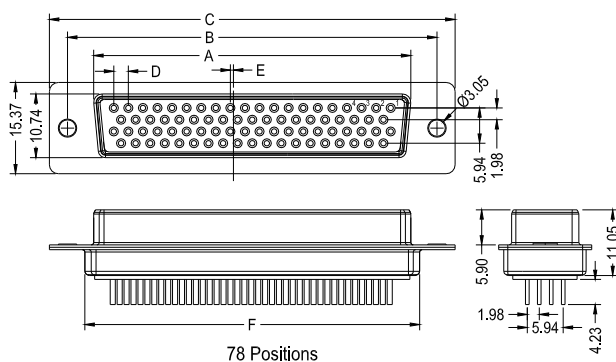
Recommended P.C.B Layout (Top Side)



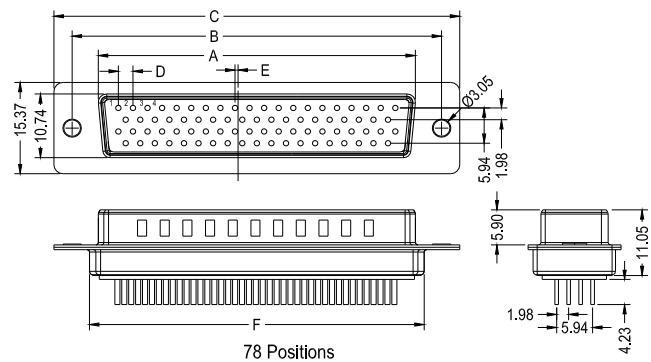
Pos	A	B	C	D	E	F
15	16.92	24.99	30.81	2.29	0.25	19.10
26	25.25	33.32	39.14	2.29	0.51	27.75
44	38.96	47.04	53.04	2.29	0.51	41.30
62	55.42	63.50	69.32	2.41	0.58	57.40
78	52.43	61.11	66.93	2.41	0	55.32



Recommended P.C.B Layout (Top Side)



78 Positions



78 Positions



SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:20mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass/Phosphor Bronze
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Cold Roller Steel,Ni Plated
Nut:Brass, Ni Plated



6222-XXFYXXB01



6222-XXMNSXB01

6222 - XX X X SX B 01

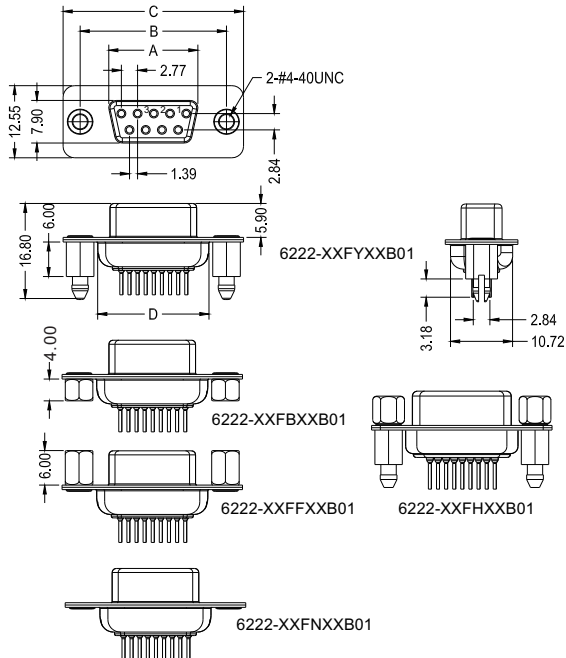
Positions
09,15,26,
37,50

M:Male
F:Female

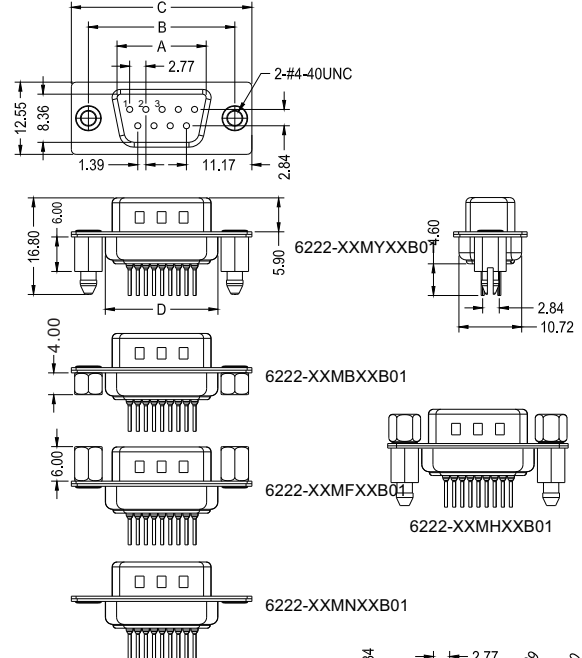
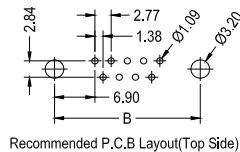
Options
Y=With Back Fork
H=With Back Fork
With Screw
F=With Front Nut
B=With Back Nut
N=Without Fork
Without Nut

Contact plating area
S0=Gold Flash/Tin
S3:10u"Au/Tin
S4:15u"Au/Tin
S5:30u"Au/Tin
SN: Tin

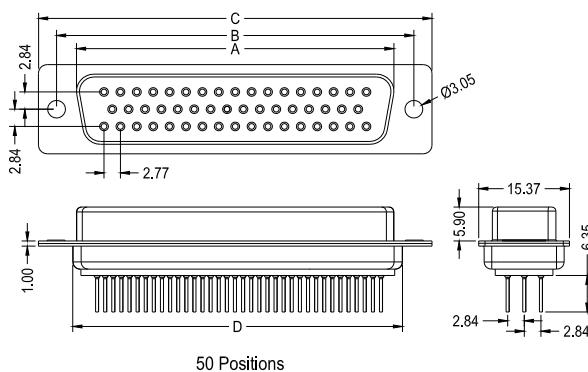
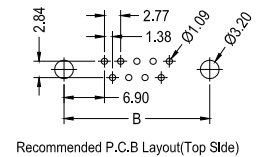
Colour
B:Black
U:Blue
W:White



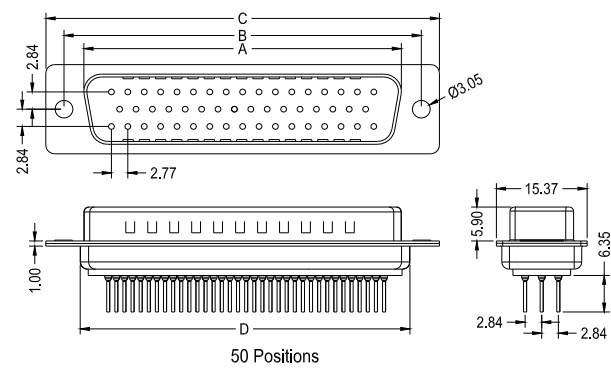
Pos	A	B	C	D
09	16.33	24.99	30.81	19.28
15	24.66	33.32	39.14	27.65
25	38.38	47.04	53.04	41.30
37	54.84	63.50	69.32	57.44
50	52.43	61.11	66.93	55.32



Pos	A	B	C	D
09	16.92	24.99	30.81	19.28
15	25.25	33.32	39.14	27.65
25	38.96	47.04	53.04	41.30
37	55.42	63.50	69.32	57.44
50	53.01	61.11	66.93	55.32



50 Positions



50 Positions



SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:25mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area: Au or Sn Over Ni
Insulation Material: Polyester (UL94V-0)
Standard: PA66+30%GF
Shell: Cold Roller Steel, Ni Plated
Revit/Harpoon: Brass, Ni Plated



6215-15FMNSXB01

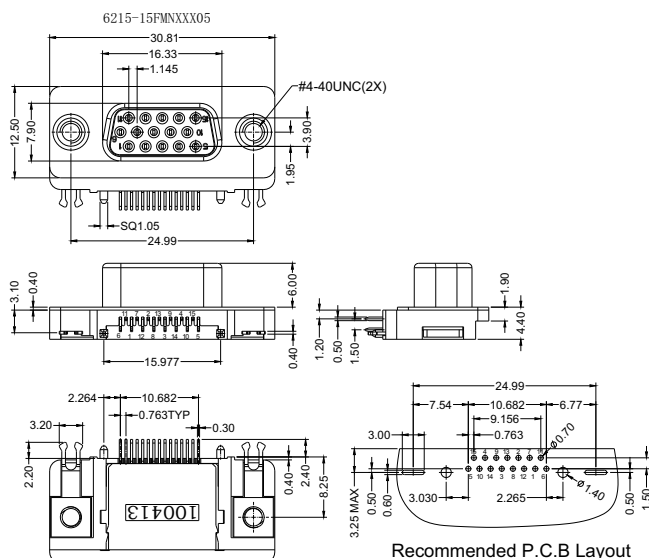
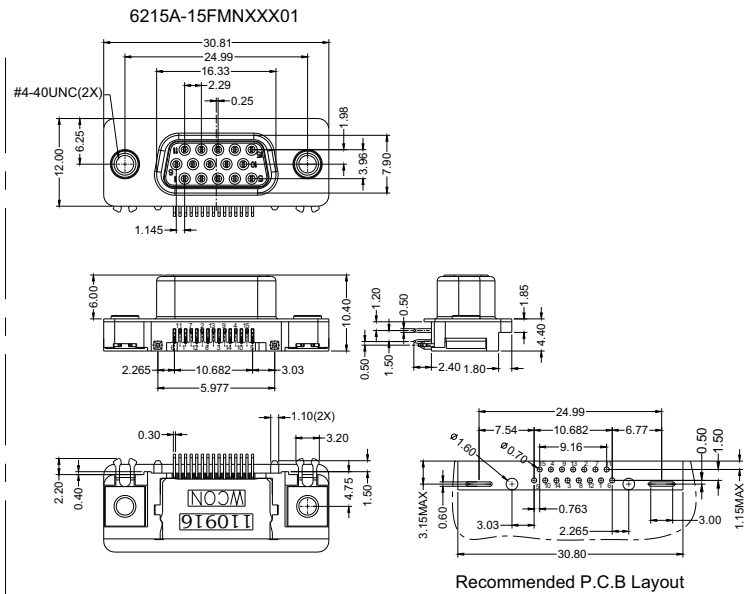
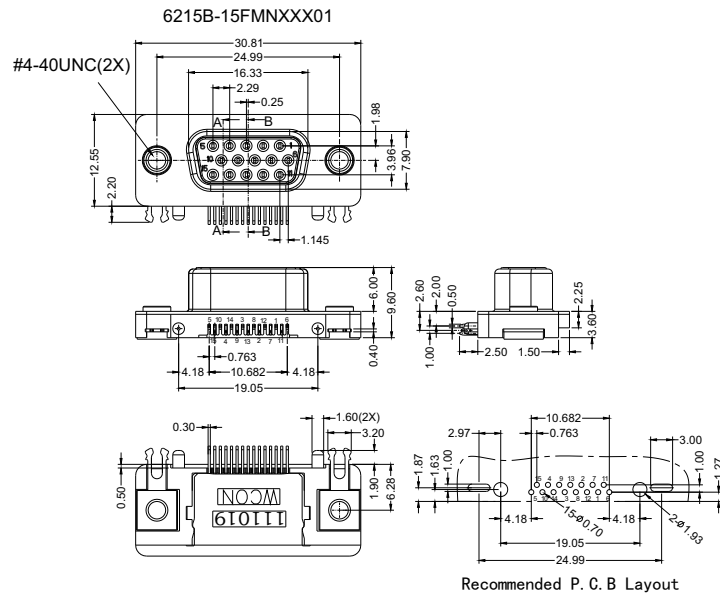


6215A-15FMNSXB01



6215B-15FMNSXB01

<u>6215</u>	-	<u>15</u>	<u>F</u>	<u>M</u>	<u>N</u>	<u>SX</u>	<u>B</u>	<u>01</u>
6215A			F:Female			Contact plating area S0:Gold Flash/Tin S3:10u"Au/Tin S4:15u"Au/Tin S5:30u"Au/Tin SN: Tin	Colour B:Black U:Blue	
6215B								





SPECIFICATIONS

Current Rating: 3.0AMP
 Contact Resistance: 25mΩ Max
 Insulation Resistance: 1000MΩ
 Withstand Voltage: 500V AC/Minute
 Operation Temperature: -55°C to +105°C
 Contact Material: Brass
 Contact plating area: Au or Sn Over Ni
 Insulation Material: Polyester (UL94V-0)
 Standard: PBT+30%GF
 Shell: Cold Roller Steel, Ni Plated
 Revit/Harpoon: Brass, Tin Over Ni Plated
 Screw: Brass, Ni Plated



6213-XXFMNSXB01



6213-XXMMNSXB01

6213 - XX X X N SX B 01

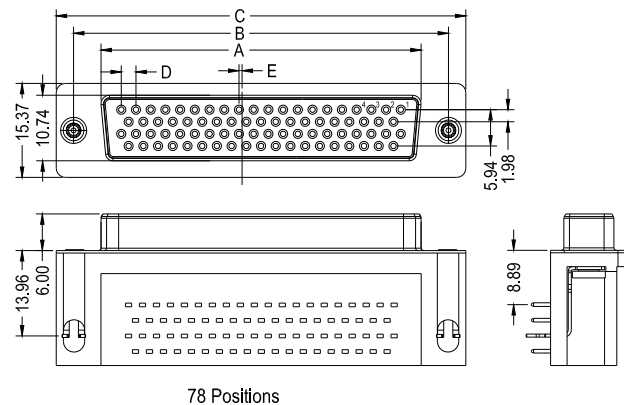
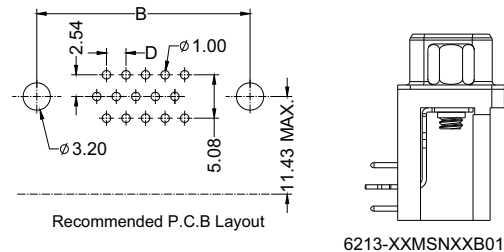
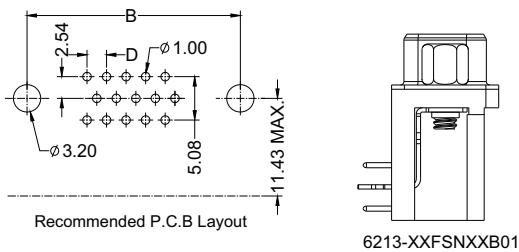
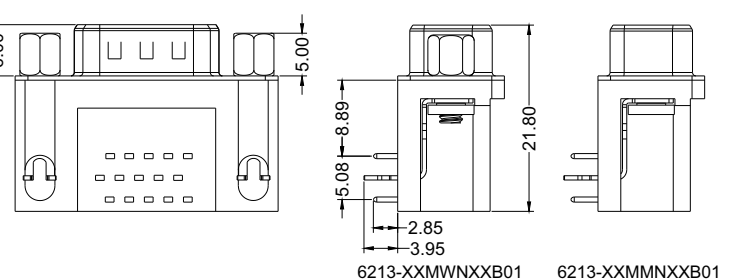
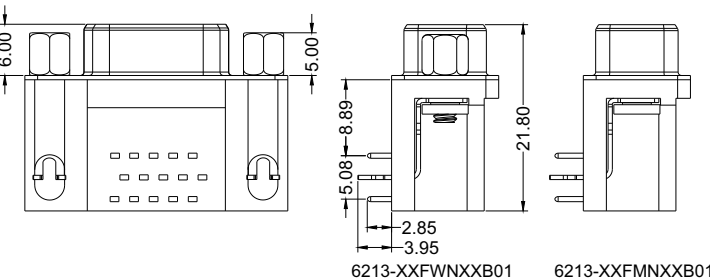
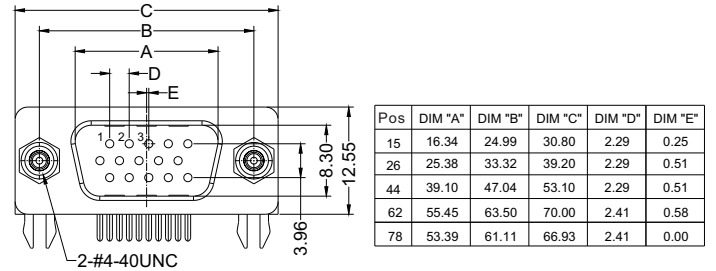
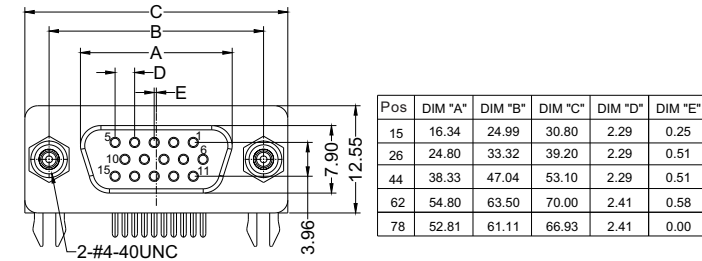
Positions
 15, 26, 44,
 62, 78

M: Male
 F: Female

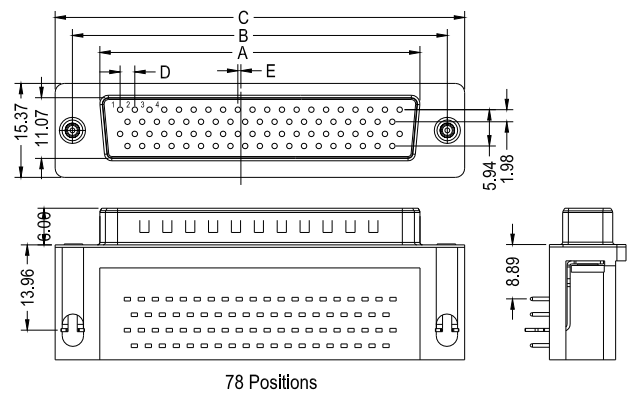
Options
 W=With Revit With Screw
 M=With Revit Without Screw
 S=No Revit Lock With Screw

Contact plating area
 S0=Gold Flash/Tin
 S3: 10u"Au/Tin
 S4: 15u"Au/Tin
 S5: 30u"Au/Tin
 SN: Tin

Colour
 B: Black
 U: Blue



78 Positions

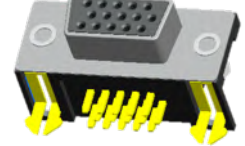
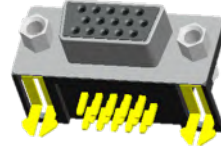
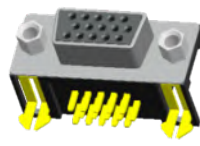


78 Positions

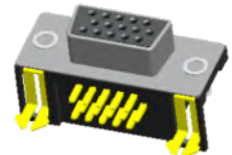
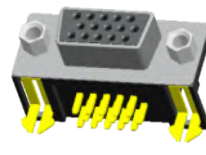


SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:25mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Cold Roller Steel,Ni Plated
Revit/Harpoon:Brass,Tin Over Ni Plated
Screw:Brass,Ni Plated



6213B-15FMNSXB01(3.08) 6213B-15FWNSXB01(3.08) 6213B-15FSNSXB01(3.08)



6213A-15FMNSXB01(5.08) 6213A-15FWNSXB01(5.08) 6213A-15FSNSXB01(5.08)

6213 X - 15 F X N SX B 01

Dim.DIP
A:5.08mm
B:3.08mm

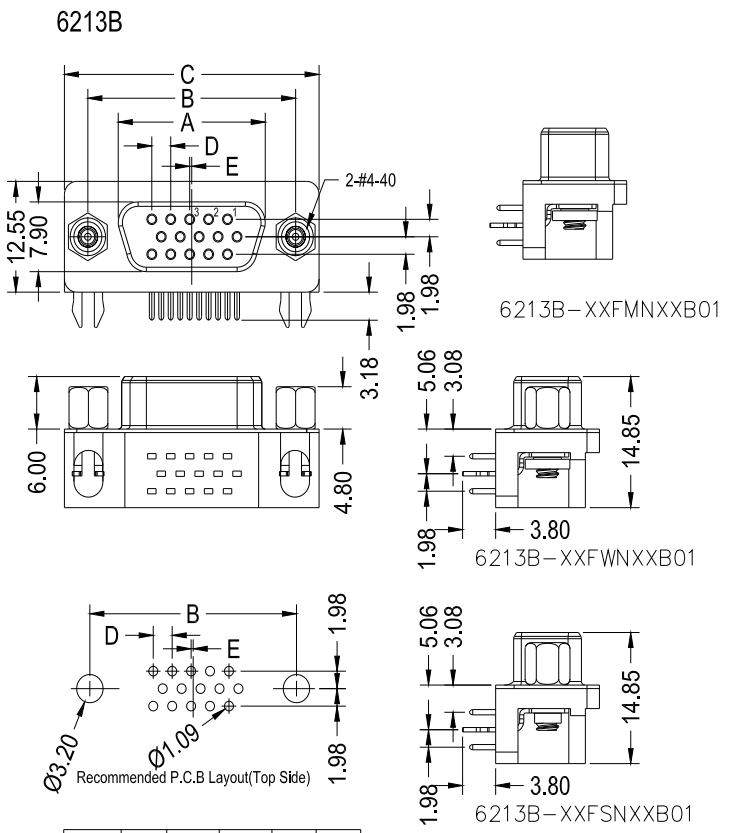
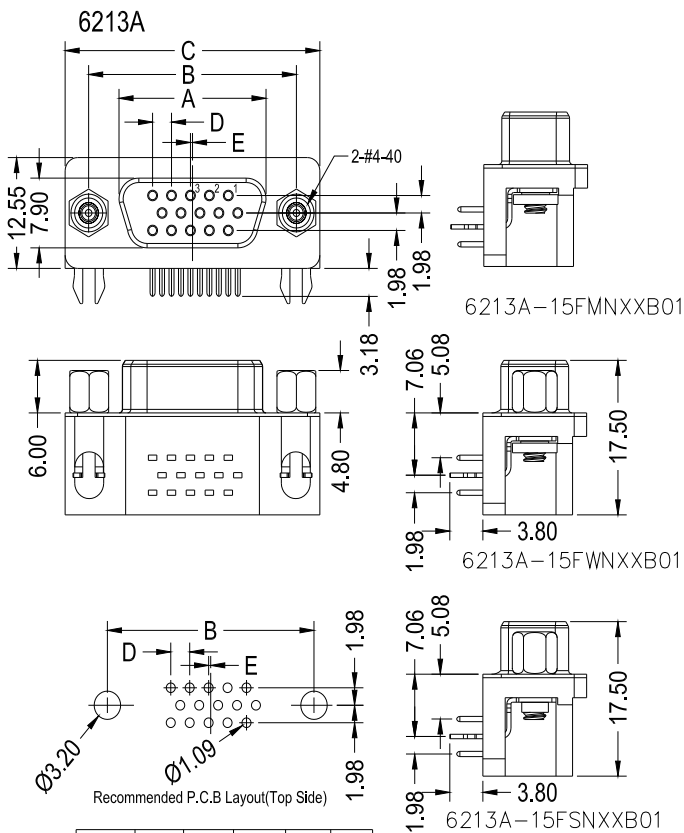
F:Female

Options
W=With Revit With Screw
M=With Revit Without Screw
S=No Revit Lock With Screw

Contact plating area
S0=Gold Flash/Tin
S3:10u"Au/Tin
S4:15u"Au/Tin
S5:30u"Au/Tin
SN: Tin

Colour
B:Black
U:Blue

01





SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:25mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55°C to +105°C
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Cold Roller Steel,Ni Plated
Revit/Harpoon:Brass,Tin Over Ni Plated
Screw:Brass,Ni Plated



6223-XXFMNSXB01



6223-XXMMNSXB01

6223 - XX X X N SX B 01

Positions
09,15,25,37

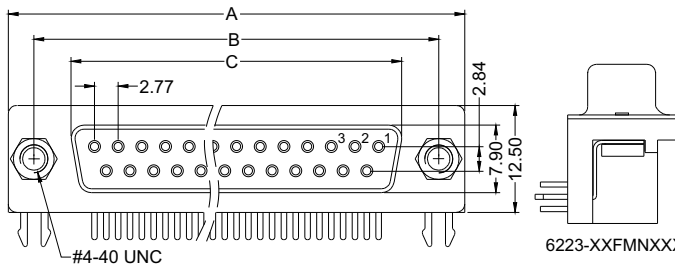
M:Male
F:Female

Options
W=With Revit With Screw
M=With Revit Without Screw
S=No Revit Lock With Screw

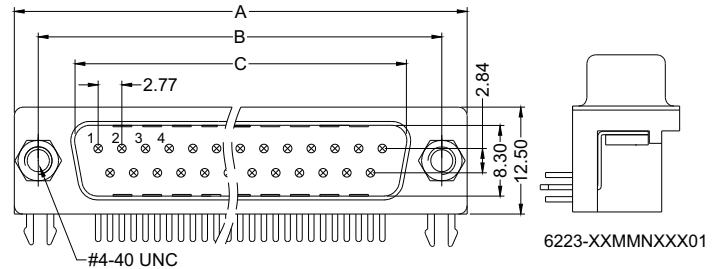
Contact plating area
S0=Gold Flash/Tin
S3:10u"Au/Tin
S4:15u"Au/Tin
S5:30u"Au/Tin
SN: Tin

Colour
B:Black
U:Blue

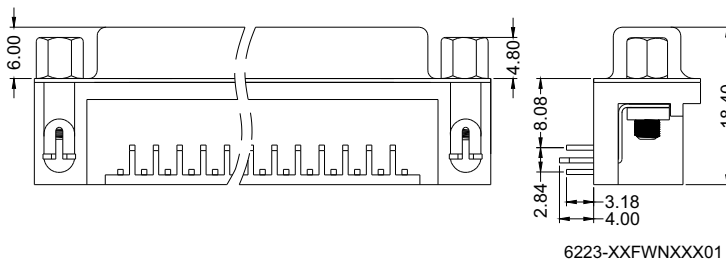
01



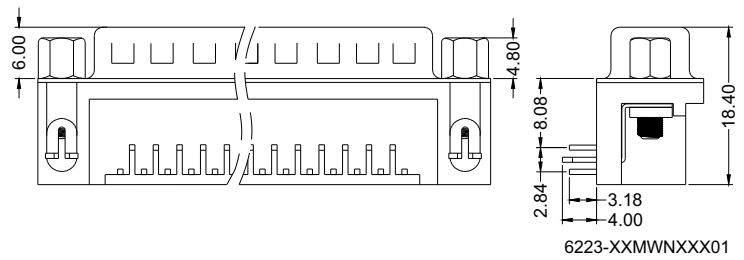
6223-XXFMNXXX01



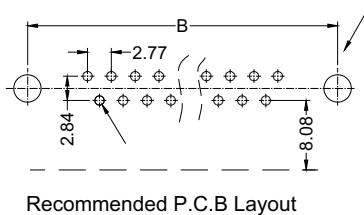
6223-XXMMNXXX01



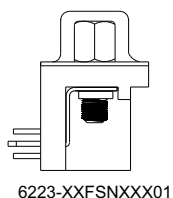
6223-XXFWNXXX01



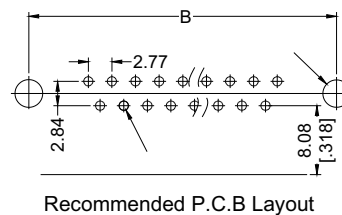
6223-XXMWNXXX01



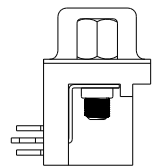
Recommended P.C.B Layout



6223-XXFSNXXX01



Recommended P.C.B Layout



6223-XXMSNXXB01

Pos	DIM "A"	DIM "B"	DIM "C"
09	30.81	24.99	16.30
15	39.14	33.32	24.66
25	53.04	47.04	38.38
37	69.32	63.50	54.83

Pos	DIM "A"	DIM "B"	DIM "C"
09	30.81	24.99	16.92
15	39.14	33.32	25.25
25	53.04	47.04	38.96
37	69.32	63.50	55.42



SPECIFICATIONS

Current Rating:5.0AMP

Contact Resistance:25mΩ Max

Insulation Resistance:5000MΩ

Withstand Voltage:1000V AC/Minute

Operation Temperature:-55℃ to +105℃

Contact Material:Brass

Contact plating area:Au or Sn Over Ni

Insulation Material:Polyester (UL94V-0)

Standard:PBT+30%GF

Sheet Material:SPCC,Plating:Ni Plated

Revit/Harpoon:Brass,Ni Plated

Screw Material:Brass,Plating:Ni Plated



FILE NO: E248993



6200-X09MB09MBSX01



6200-X09MB09FBSX01



6200-X09FB09MBSX01



6200-X09FB09FBSX01

6200 - X

Dim.L
A:15.88mm
B:19.05mm
C:22.86mm

XX

Positions
(Up Port)
9,15,25,37

X

Up Port
M:Male
F:Female

X

Up Port Color
B:BLACK
W:WHITE
U:BLUE
G:GREY

X

Positions
(Down Port)
9,15,25,37

X

Down Port
M:Male
F:Female

X

Down Port
Color
B:BLACK
W:WHITE
U:BLUE
G:GREY

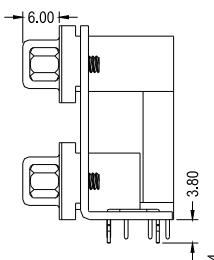
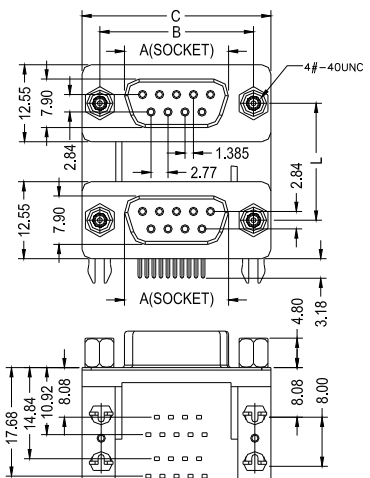
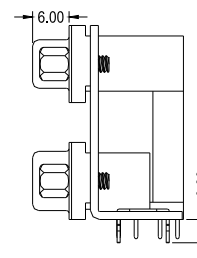
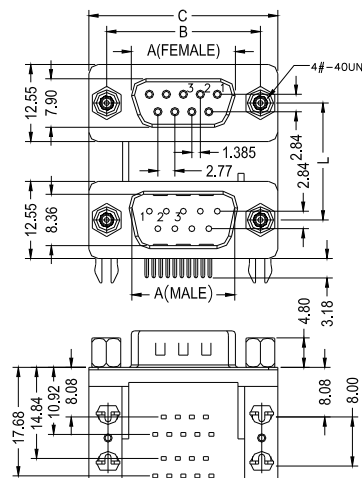
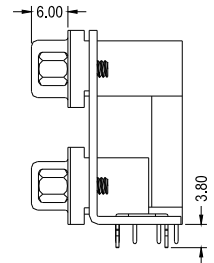
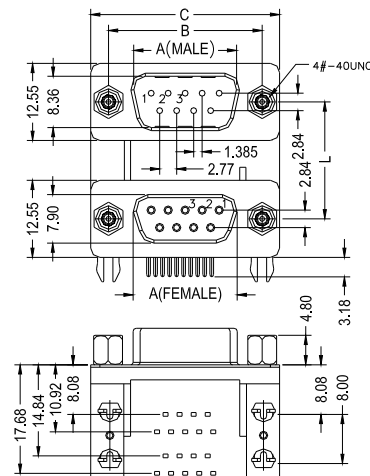
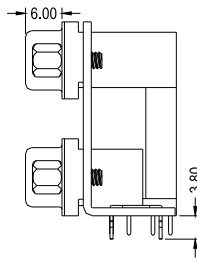
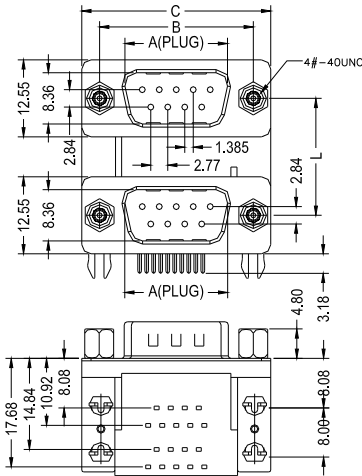
SX

Contact plating area
S0=Gold Flash/Tin
S3:10u"Au/Tin
S4:15u"Au/Tin
S5:30u"Au/Tin
SN: Tin

X

Holder
Material
0=ZINCALLOY
1=SPCC

1



Recommended P.C.B Layout(Top Side)

Recommended P.C.B Layout(Top Side)

	Pos	A	B	C	L		
MALE	09	16.92	24.99	30.81	15.88	19.05	22.86
	15	25.25	33.32	39.14			
	25	38.96	47.04	53.04			
	37	55.42	63.50	69.32			

	Pos	A	B	C	L		
FEMALE	09	16.33	24.99	30.81	15.88	19.05	22.86
	15	24.66	33.32	39.14			
	25	38.38	47.04	53.04			
	37	54.84	63.50	69.32			



6201 Series,High D-SUB,Dual Port,R/A DIP

SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:25mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:1000V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Sheet Material:SPCC,Plating:Ni Plated
Revit/Harpoon:Brass,Ni Plated
Screw Material:Brass,Plating:Ni Plated



6201-A44FX44FXXX01



FILE NO.E248993



6201-B44FX44FXXX01



FILE NO.E248993

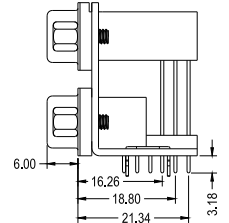
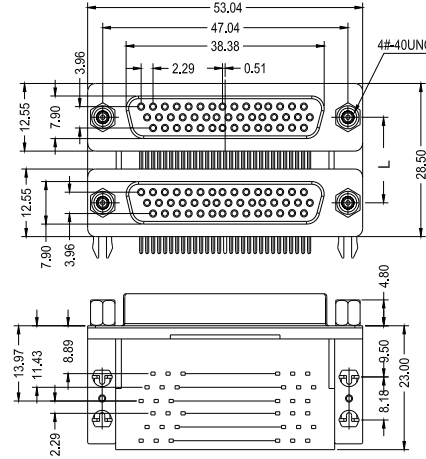
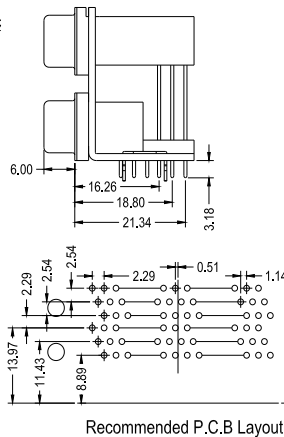
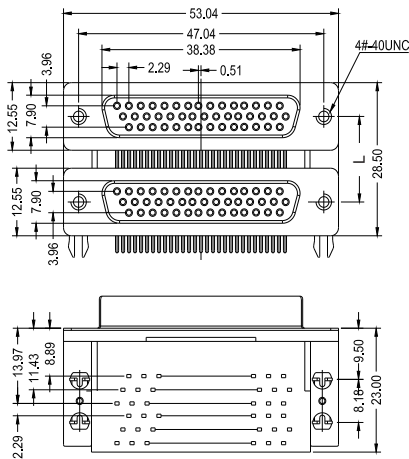


6201-X15FX15FXXX01(3.08)



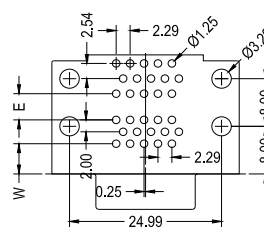
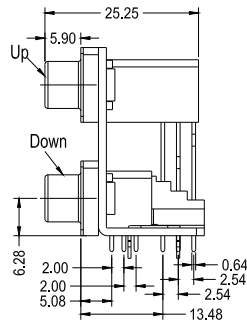
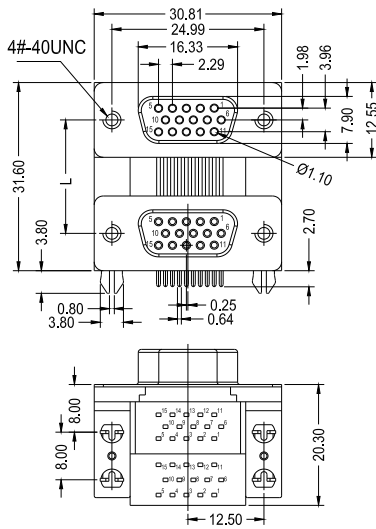
6201-X15FX15FXXX02(5.08)

6201	-	X	44	F	X	44	F	X	SX	X	1
Dim.L			Poitions	Up Port Type	Up Port Color	Down Port Color	Contact plating area	Bracket			
A=15.88mm			44	M:Male	B=Black	B=Black	S0=Gold Flash/Tin	Material			
B=19.05mm				F:Female	U=Blue	U=Blue	S3:10u"Au/Tin	0=Zinc Alloy			
							S4:15u"Au/Tin	1=SPCC			
							S5:30u"Au/Tin				
							SN: Tin				



Recommended P.C.B Layout

6201	-	X	15	F	X	15	F	X	SX	X	1
Dim.L			Poitions	Up Port Type	Up Port Color	Down Port Color	Contact plating area	Bracket			
A=15.88mm			15	M:Male	B=Black	B=Black	S0=Gold Flash/Tin	Material			
B=19.05mm				F:Female	U=Blue	U=Blue	S3:10u"Au/Matte Tin	0=Zinc Alloy			
C=22.86mm							S4:15u"Au/Matte Tin	1=SPCC			
							S5:30u"Au/Matte Tin				
							SN: Tin				



Recommended P.C.B Layout

L	E	W
15.88	6.40	3.08
19.05		
22.86	4.40	5.08



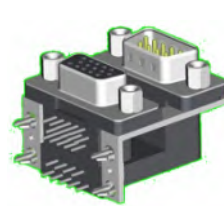
6202 Series,D-SUB,Dual Port,R/A DIP

SPECIFICATIONS

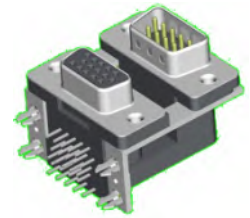
Current Rating:3.0AMP
Contact Resistance:25mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:1000V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Sheet Material:SPCC,Plating:Ni Plated
Revit/Harpoon:Brass,Ni Plated
Screw Material:Brass,Plating:Ni Plated



6202-X09MX15FXXX01(3.08)

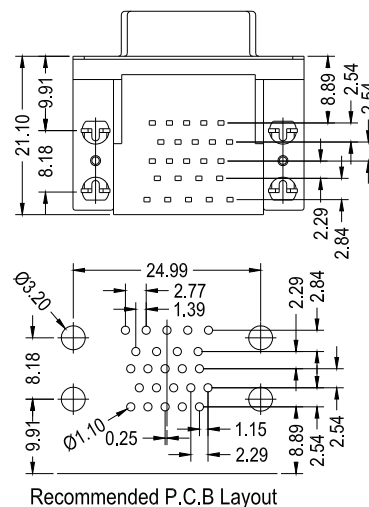
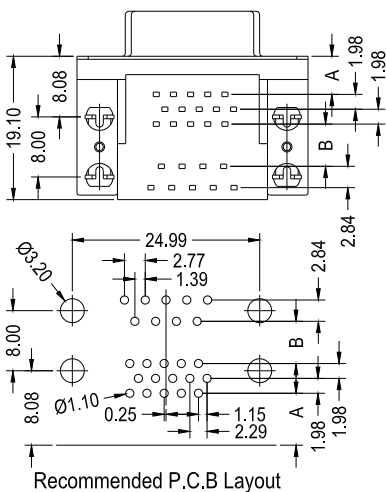
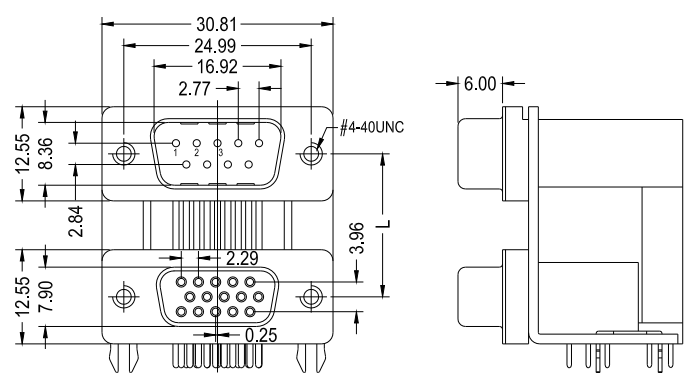
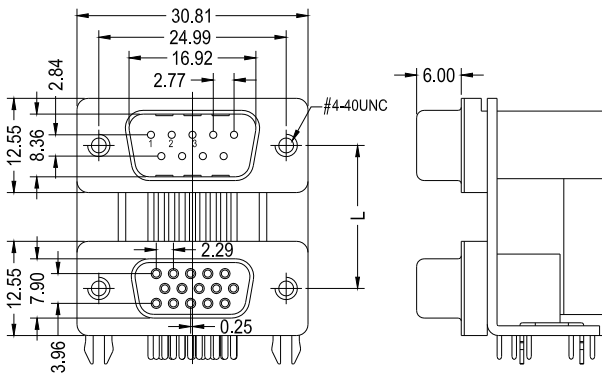


6202-X09MX15FXXX02(5.08)



6202-X09MX15FXXX03(8.89)

6202	-	X	09	M	X	15	F	X	SX	X	X
Dim.L			Up Port Colour			Down Port Colour			Contact plating area	Holder Material	Dim.DIP
A:15.88mm			B:BLACK			B:BLACK			S0=Gold Flash/Tin	0=ZINC ALLOY	1:3.08mm
B:19.05mm			W:WHITE			W:WHITE			S3:10u"Au/Tin	1=SPCC	2:5.08mm
C:22.86mm			U:BLUE			U:BLUE			S4:15u"Au/Tin		3:8.89mm
			G:GREY			G:GREY			S5:30u"Au/Tin		
									SN: Tin		



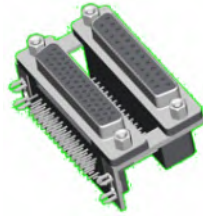
Series No.	A	B	L		
TYPE 1	3.08	7.62	15.88	19.05	22.86
TYPE 2	5.08	5.62			

L		
15.88	19.05	22.86



SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:25mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:1000V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell Material:SPCC,Plating:Ni Plated
Revit/Harpoon:Brass,Ni Plated
Screw Material:Brass,Plating:Ni Plated

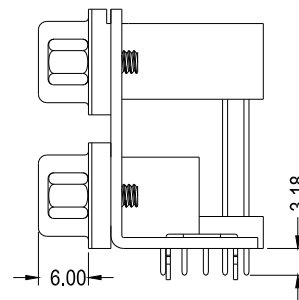
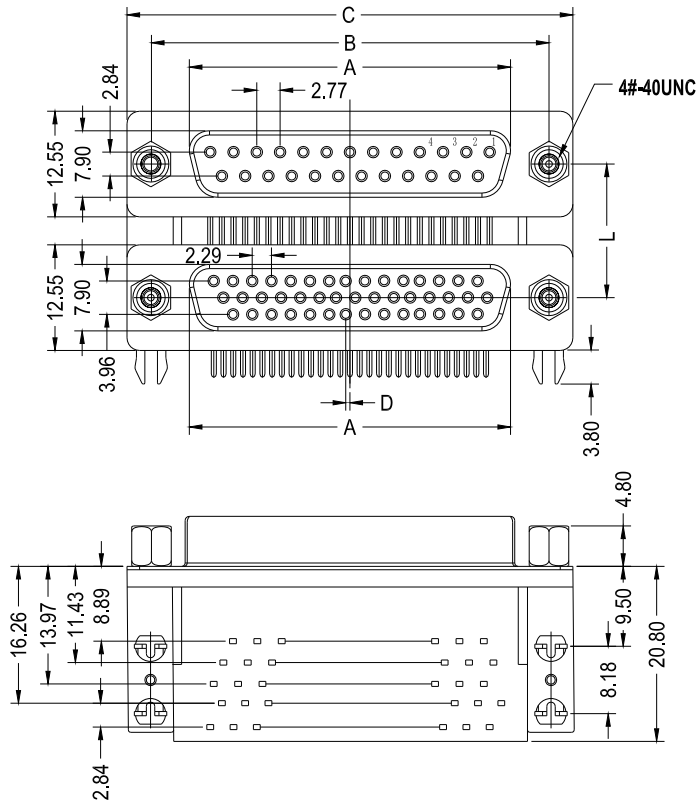


6202-X25FX44FXXX01

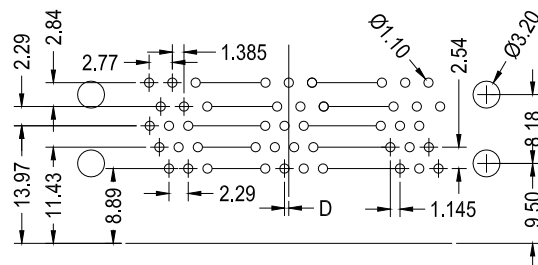


6202-X09FX15FXXX01

6202 - X	XX	F	X	XX	F	X	SX	X	1
Dim.L A:15.88mm B:19.05mm C:22.86mm	Positions UP Port 9,25		Up Port Colour B:BLACK W:WHITE U:BLUE G:GREY	Positions Down Port 15,44P		Down Port Colour B:BLACK W:WHITE U:BLUE G:GREY	Contact plating area S0=Gold Flash/Tin S3:10u"Au/Tin S4:15u"Au/Tin S5:30u"Au/Tin SN: Tin	Holder Material 0=ZINC ALLOY 1=SPCC	



CON.	DIM.	A	B	C	D	L
DR9+HDR15		16.33	24.99	30.81	0.25	15.88/19.05
DR25+HDR44		38.38	47.04	53.04	0.51	22.86

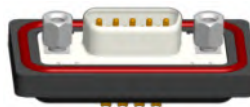


Recommended P.C.B Layout



SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:20mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Steel,Ni Plated
Rivet,Boardlock:Copper Alloy



6241-09MLXXFBN1



6241-09FLXXFBN1

6241 - 09 X X GX X B X 1

Positions
9,15,25,37

M:Male
F:Female

Contact Type
Y=With Back Fork
F=With Front Nut
N=Without Fork
Without Nut
L=Riveted Lock Screw

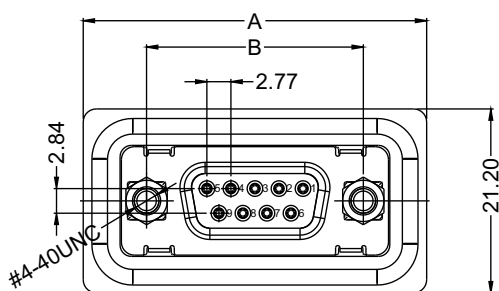
Contact plating area
G0=Gold Flash
G3=10u"Au
G4=15u"Au
G5=30u"Au

Waterproof Circle
F=With Front
Waterproof Circle
B=With Back
Waterproof Circle

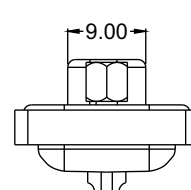
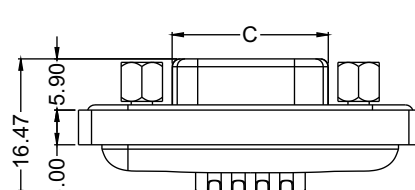
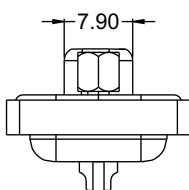
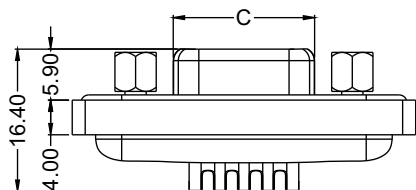
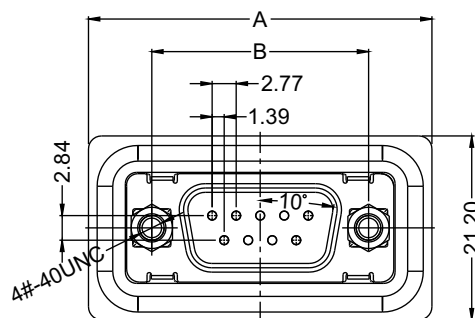
Colour
B:Black
U:Blue
W:White

N=W/O Cap
W=W/ Cap

6241-09MLXXXBN1



6241-09FLXXXBN1



Pos	Dimensions		
	A	B	C
9	39.60	24.99	16.30
15	47.91	33.30	24.61
25	61.76	47.15	38.46
37	78.38	63.77	55.08

Pos	Dimensions		
	A	B	C
9	39.60	24.99	18.00
15	47.91	33.30	26.31
25	61.76	47.15	40.16
37	78.38	63.77	56.78

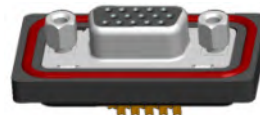


SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:20mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Steel,Ni Plated
Rivet,Boardlock:Copper Alloy



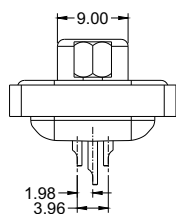
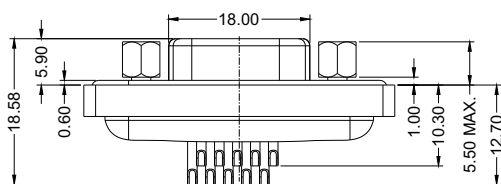
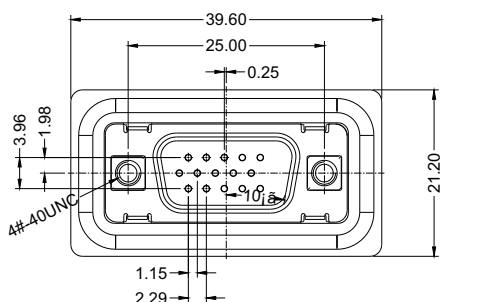
6244-15MLXXFBN1



6244-15FLXXFBN1

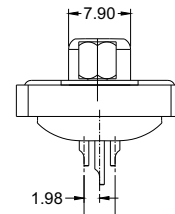
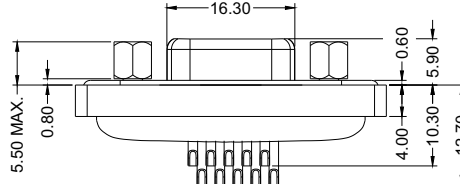
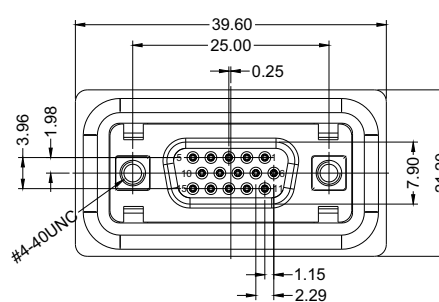
6244	- 15	X	X	GX	X	B	X	1
Positions 15,26,44	M:Male F:Female	Contact Type Y=With Back Fork F=With Front Nut N=Without Fork Without Nut L=Riveted Lock Screw	Contact plating area G0=Gold Flash G3=10u"Au G4=15u"Au G5=30u"Au	Waterproof Circle F=With Front Waterproof Circle B=With Back Waterproof Circle	Colour B:Black U:Blue W:White	N=W/O Cap W=W/ Cap		

6244-15MLXXXBN1



Pos	Dim		
	A	B	C
15	39.60	24.99	18.00
26	48.76	34.15	27.16
44	62.50	47.89	40.90
62	76.24	61.63	54.64

6244-15FLXXXBN1

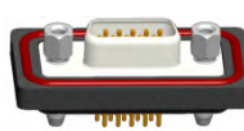


Pos	Dim		
	A	B	C
15	39.60	24.99	16.30
26	48.76	34.15	25.46
44	62.50	47.89	39.20
62	76.24	61.63	52.94

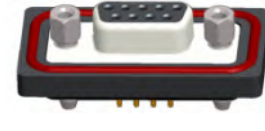


SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:20mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Steel,Ni Plated
Rivet,Boardlock:Copper Alloy



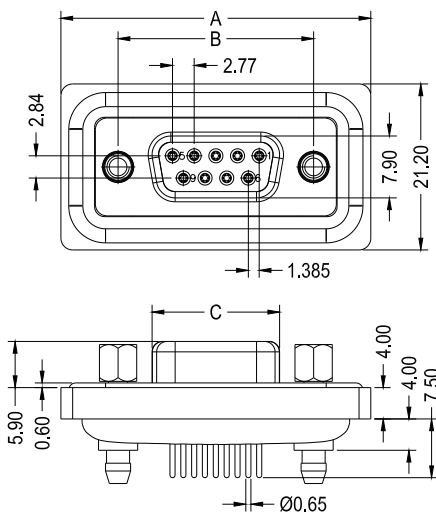
6242-09MLXXFBN1



6242-09FLXXFBN1

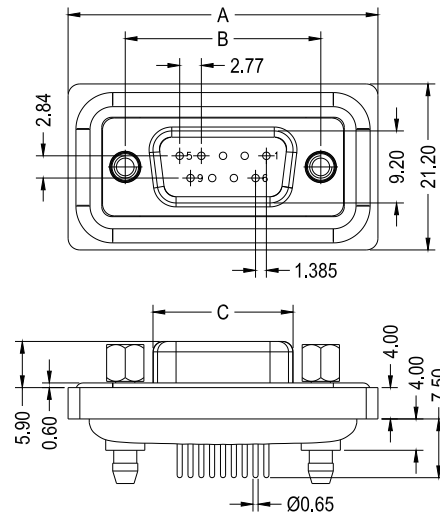
6242	-	<u>XX</u>	<u>X</u>	<u>X</u>	<u>GX</u>	<u>X</u>	<u>B</u>	<u>X</u>	1
		Positions 9,15,25,37	M:Male F:Female	Contact Type Y=With Back Fork F=With Front Nut N=Without Fork Without Nut L=Riveted Lock Screw	Contact plating area G0=Gold Flash G3=10u"Au G4=15u"Au G5=30u"Au	Waterproof Circle F=With Front Waterproof Circle B=With Back Waterproof Circle	Colour B:Black U:Blue W:White	N=W/O Cap W=W/ Cap	

6242-XXFLXXXBN1



Pos	Dimensions		
	A	B	C
9	39.60	24.99	16.30
15	47.91	33.30	24.61
25	61.76	47.15	38.46
37	78.38	63.77	55.08

6242-XXMLXXXBN1

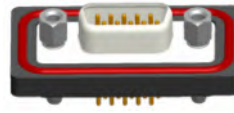


Pos	Dimensions		
	A	B	C
9	39.60	24.99	18.00
15	47.91	33.30	26.31
25	61.76	47.15	40.16
37	78.38	63.77	56.78



SPECIFICATIONS

Current Rating:3.0AMP
Contact Resistance:20mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:500V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Brass
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Steel,Ni Plated
Rivet,Boardlock:Copper Alloy



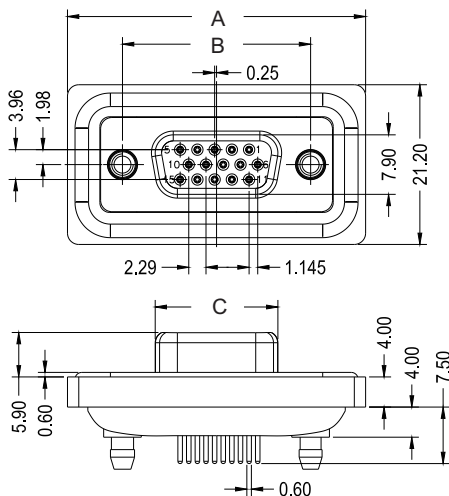
6245-15MLXXFBN1



6245-15FLXXFBN1

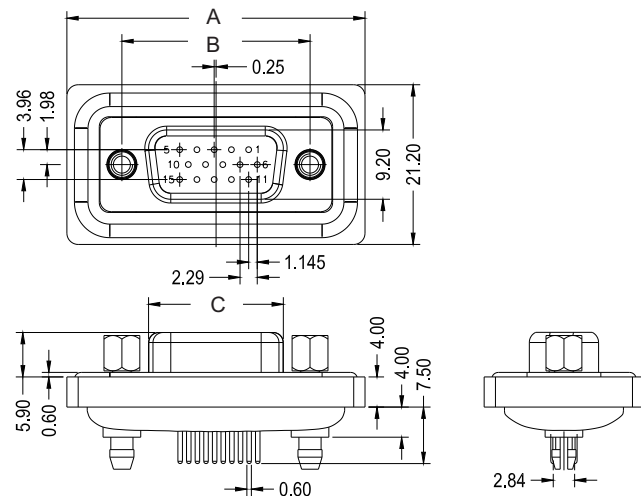
6245	-	15	X	X	GX	X	B	X	1
Positions		15,26,44	M:Male F:Female	Contact Type Y=With Back Fork F=With Front Nut N=Without Fork Without Nut L=Riveted Lock Screw	Contact plating area G0=Gold Flash G3=10u"Au G4=15u"Au G5=30u"Au	Waterproof Circle F=With Front Waterproof Circle B=With Back Waterproof Circle	Colour B:Black U:Blue W:White	N=W/O Cap W=W/ Cap	

6245-15FLXXXBN1



Pos	Dimensions		
	A	B	C
15	39.60	24.99	16.30
26	48.76	34.15	25.46
44	62.50	47.89	39.20

6245-15MLXXXBN1



Pos	Dimensions		
	A	B	C
15	39.60	24.99	18.00
26	48.76	34.15	27.16
44	62.50	47.89	40.90



SPECIFICATIONS

Current Rating:3.0AMP

Contact Resistance:20mΩ Max

Insulation Resistance:1000MΩ

Withstand Voltage:500V AC/Minute

Operation Temperature:-55℃ to +105℃

Contact Material:Brass

Contact plating area:Au or Sn Over Ni

Insulation Material:Polyester (UL94V-0)

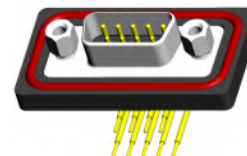
Standard:PBT+30%GF

Shell:Steel,Ni Plated

Rivet,Boardlock:Copper Alloy



6243-09FLXXFBN1



6243-09MLXXFBN1

6243 - XX X X GX X B X 1

Positions
9,15,25

M:Male
F:Female

Contact Type
Y=With Back Fork
F=With Front Nut
N=Without Fork
Without Nut
L=Riveted Lock Screw

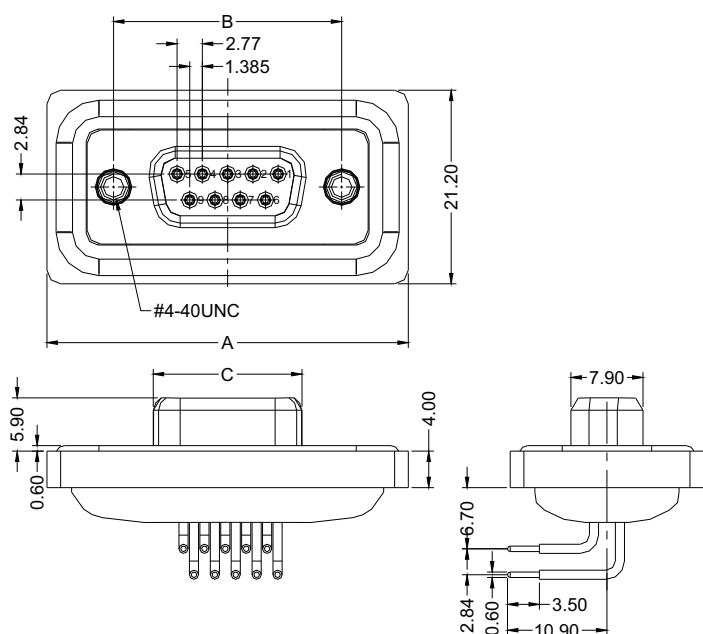
Contact plating area
G0=Gold Flash
G3=10u"Au
G4=15u"Au
G5=30u"Au

Waterproof Circle
F=With Front
Waterproof Circle
B=With Back
Waterproof Circle

Colour
B:Black
U:Blue
W:White

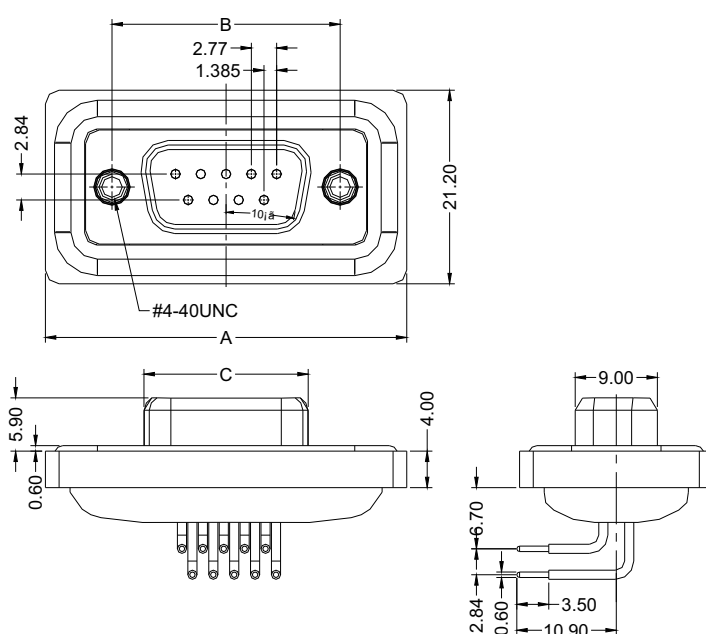
N=W/O Cap
W=W/ Cap

6243-09FLXXXBN1



Pos	Dimensions		
	A	B	C
9	39.60	24.99	16.30
15	47.91	33.30	24.61
25	61.76	47.15	38.46
37	78.38	63.77	55.08

6243-09MLXXXBN1



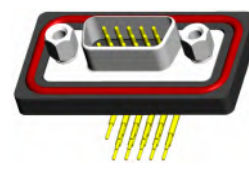
Pos	Dimensions		
	A	B	C
9	39.60	24.99	18.00
15	47.91	33.30	26.31
25	61.76	47.15	40.16
37	78.38	63.77	56.78

SPECIFICATIONS

Current Rating:3.0AMP
 Contact Resistance:20mΩ Max
 Insulation Resistance:1000MΩ
 Withstand Voltage:500V AC/Minute
 Operation Temperature:-55℃ to +105℃
 Contact Material:Brass
 Contact plating area:Au or Sn Over Ni
 Insulation Material:Polyester (UL94V-0)
 Standard:PBT+30%GF
 Shell:Steel,Ni Plated
 Rivet,Boardlock:Copper Alloy



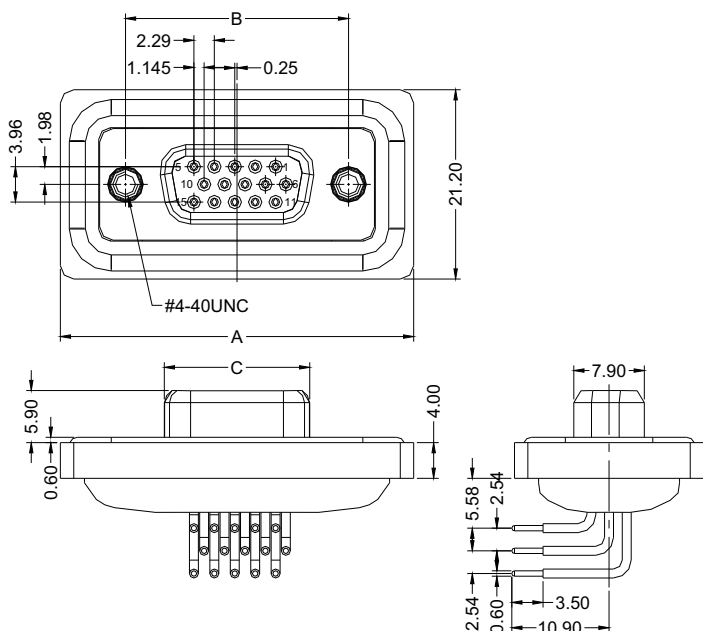
6246-15FLXXFBN1



6246-15MLXXFBN1

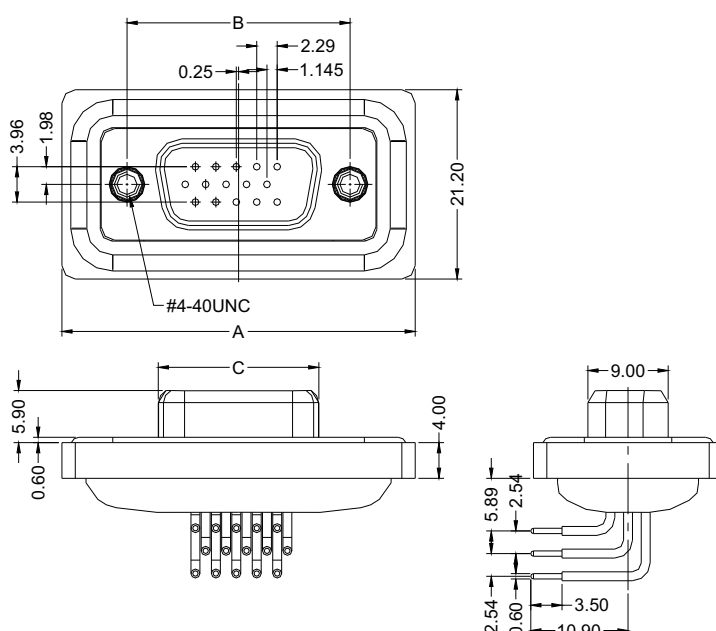
6246	-	<u>XX</u>	<u>X</u>	<u>X</u>	<u>GX</u>	<u>X</u>	<u>B</u>	<u>X</u>	1
		Positions 15,26,44	M:Male F:Female	Contact Type Y=With Back Fork F=With Front Nut N=Without Fork Without Nut L=Riveted Lock Screw	Contact plating area G0=Gold Flash G3=10u"Au G4=15u"Au G5=30u"Au	Waterproof Circle F=With Front Waterproof Circle B=With Back Waterproof Circle	Colour B:Black U:Blue W:White	N=W/O Cap W=W/ Cap	

6246-15FLXXFBN1



Pos	Dimensions		
	A	B	C
15	39.60	24.99	16.30
26	48.76	34.15	25.46
44	62.50	47.89	39.20

6246-15MLXXFBN1



Pos	Dimensions		
	A	B	C
15	39.60	24.99	18.00
26	48.76	34.15	27.16
44	62.50	47.89	40.90



SPECIFICATIONS

Current Rating:10/20/30/40AMP
Contact Resistance:3.0mΩ Max
Insulation Resistance:2000MΩ
Withstand Voltage:1000V AC/Minute
Operation Temperature: -55℃ to +105℃
Contact Material:Phosphor Bronze
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Steel or Brass,Ni/Sn or Au Plated
Rivet,Boardlock:Copper Alloy



6250-F2V2HXXAXNN01



6250-F3W3HXXAXNN01



6250-F5W5HXXAXNN01



6250-F8W8HXXAXNN01

6250 - F XXX H XX A X N N 01

F:Female

2V2:2Pin
3W3:3Pin
5W5:5Pin
8W8:8Pin

H

XX

Contact plating area
G0=Gold Flash
G3=10u"Au
G4=15u"Au
G5=30u"Au

A=PBT

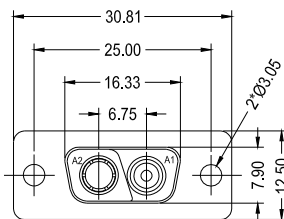
X

Colour
B:Black
U:Blue

N

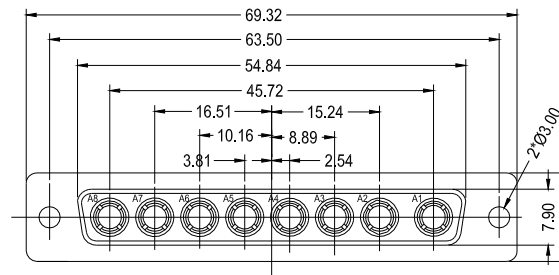
N

01



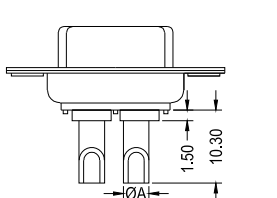
6250-F2V2HXXAXNN01

Pos	A	B	Wire	Current Rating
1	2.5	4.5	14#-16#	10A
2	3.6	5.0	10#-12#	20A
3	4.4	5.5	8#-10#	30A
4	5.5	5.5	6#-8#	40A



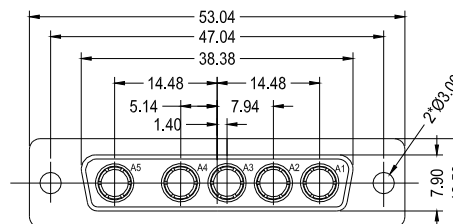
6250-F8W8HXXAXNN01

Pos	A	B	Wire	Current Rating
1	2.5	4.5	14#-16#	10A
2	3.6	5.0	10#-12#	20A
3	4.4	5.5	8#-10#	30A
4	5.5	5.5	6#-8#	40A



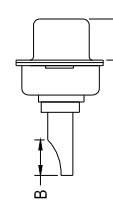
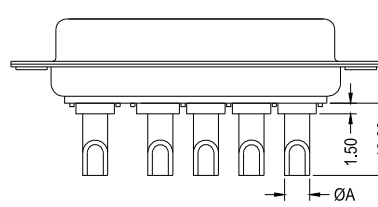
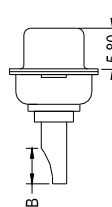
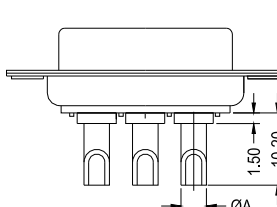
6250-F3W3HXXAXNN01

Pos	A	B	Wire	Current Rating
1	2.5	4.5	14#-16#	10A
2	3.6	5.0	10#-12#	20A
3	4.4	5.5	8#-10#	30A
4	5.5	5.5	6#-8#	40A



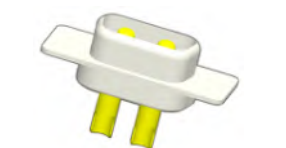
6250-F5W5HXXAXNN01

Pos	A	B	Wire	Current Rating
1	2.5	4.5	14#-16#	10A
2	3.6	5.0	10#-12#	20A
3	4.4	5.5	8#-10#	30A
4	5.5	5.5	6#-8#	40A



SPECIFICATIONS

Current Rating:10/20/30/40AMP
 Contact Resistance:3.0mΩ Max
 Insulation Resistance:2000MΩ
 Withstand Voltage:1000V AC/Minute
 Operation Temperature:-55℃ to +105℃
 Contact Material:Phosphor Bronze
 Contact plating area:Au or Sn Over Ni
 Insulation Material:Polyester (UL94V-0)
 Standard:PBT+30%GF
 Shell:Steel or Brass,Ni/Sn or Au Plated
 Rivet,Boardlock:Copper Alloy



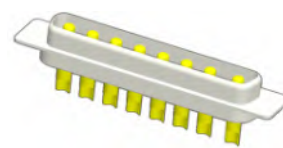
6250-M2V2HXXAXNN01



6250-M3W3HXXAXNN01



6250-M5W5HXXAXNN01



6250-M8W8HXXAXNN01

6250 - M XXX H XX A X N N 01

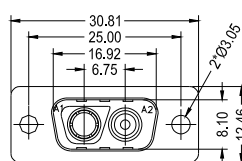
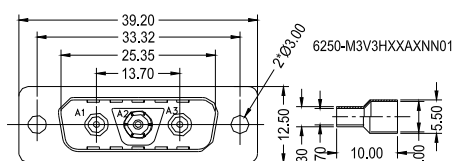
M:Male

2V2:2Pin
 3W3:3Pin
 5W5:5Pin
 8W8:8Pin

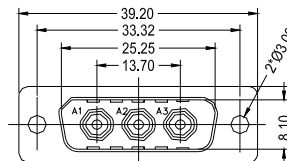
Contact plating area
 G0=Gold Flash
 G3=10u"Au
 G4=15u"Au
 G5=30u"Au

A=PBT

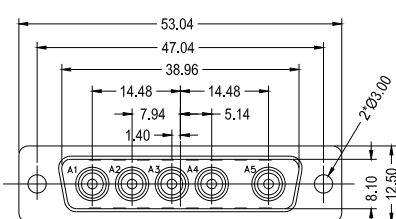
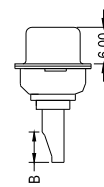
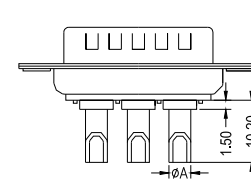
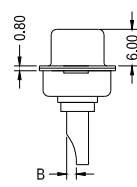
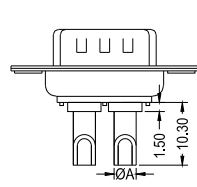
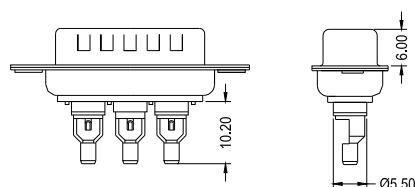
Colour
 B:Black
 U:Blue



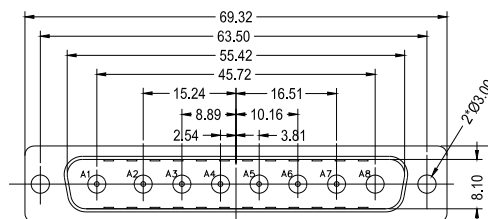
Pos	A	B	Wire	Current Rating
1	2.5	4.5	14#-16#	10A
2	3.6	5.0	10#-12#	20A
3	4.4	5.5	8#-10#	30A
4	5.5	5.5	6#-8#	40A



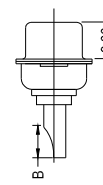
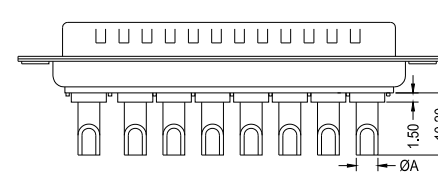
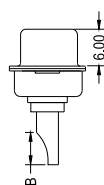
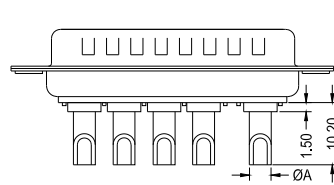
NO	A	B	Wire	Current Rating
1	2.5	4.5	14#-16#	10A
2	3.6	5.0	10#-12#	20A
3	4.4	5.5	8#-10#	30A
4	5.5	5.5	6#-8#	40A



Pos	A	B	Wire	Current Rating
1	2.5	4.5	14#-16#	10A
2	3.6	5.0	10#-12#	20A
3	4.4	5.5	8#-10#	30A
4	5.5	5.5	6#-8#	40A



Pos	A	B	Wire	Current Rating
1	2.5	4.5	14#-16#	10A
2	3.6	5.0	10#-12#	20A
3	4.4	5.5	8#-10#	30A
4	5.5	5.5	6#-8#	40A





SPECIFICATIONS

Current Rating:10/20/30/40AMP
Contact Resistance:2.7mΩ Max
Insulation Resistance:5000MΩ
Withstand Voltage:1000V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Phosphor Bronze
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Steel or Brass,Ni/Sn or Au Plated
Rivet,Boardlock:Copper Alloy



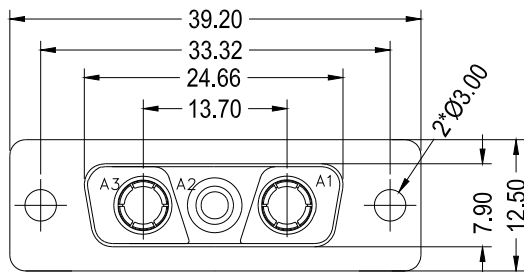
6251-M2V2SXXAXNN01



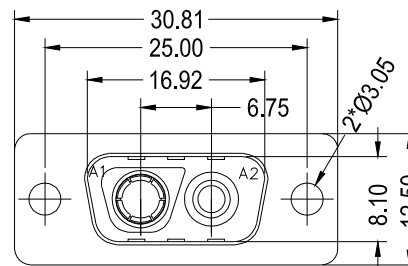
6251-F3W3SXXAXNN01

6251	-	<u>X</u>	<u>XXX</u>	S	<u>XX</u>	<u>A</u>	<u>X</u>	N	N	01
		M:Male F:Feamale	2V2:2Pin 3W3:3Pin		Contact plating area G0=Gold Flash G3=10u"Au G4=15u"Au G5=30u"Au	A=PBT	Colour B:Black U:Blue			

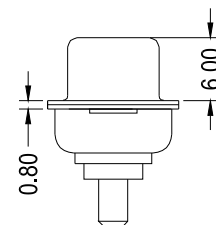
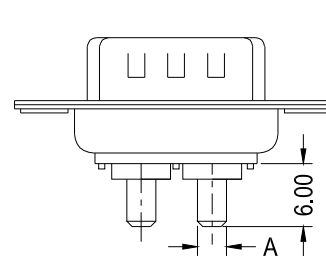
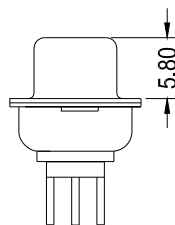
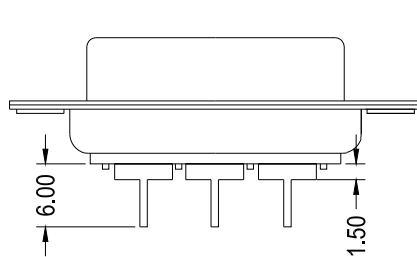
6251-F3V3SXXAXNN01



6251-M2V2SXXAXNN01



Pos	A	PCB # "B"	Current Rating
1	1.70	2.00	10A
2	2.75	3.05	20A
3	3.30	3.60	30A
4	3.80	4.10	40A





SPECIFICATIONS

Current Rating:10/20/30/40AMP
Contact Resistance:2.7mΩ Max
Insulation Resistance:5000MΩ
Withstand Voltage:1000V AC/Minute
Operation Temperature:-55℃ to +105℃
Contact Material:Phosphor Bronze
Contact plating area:Au or Sn Over Ni
Insulation Material:Polyester (UL94V-0)
Standard:PBT+30%GF
Shell:Steel or Brass,Ni/Sn or Au Plated
Rivet,Boardlock:Copper Alloy



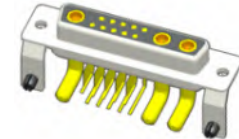
6252-F2V2RXXAXNN01



6252-M3W3RXXAXNN01



6252-M5W5RXXAXNN01



6252-F13W3RXXAXNN01

6252 - F XXX R XX A X N N 01

M:Male
F:Feemale

2V2:2Pin
3W3:3Pin
5W5:5Pin
13W3:13Pin

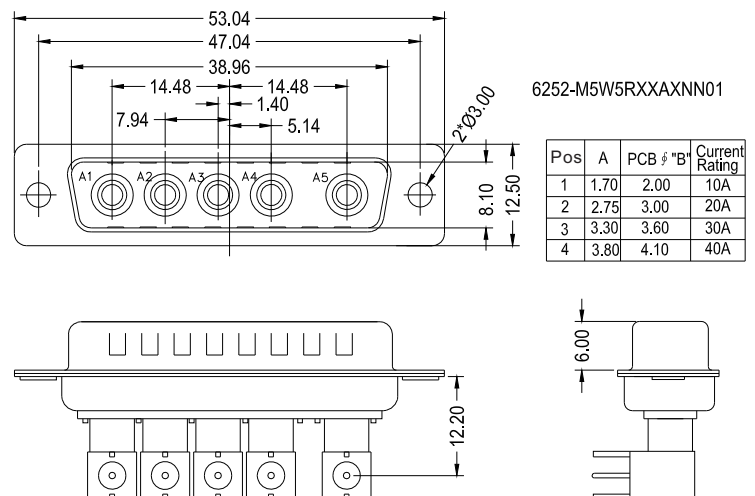
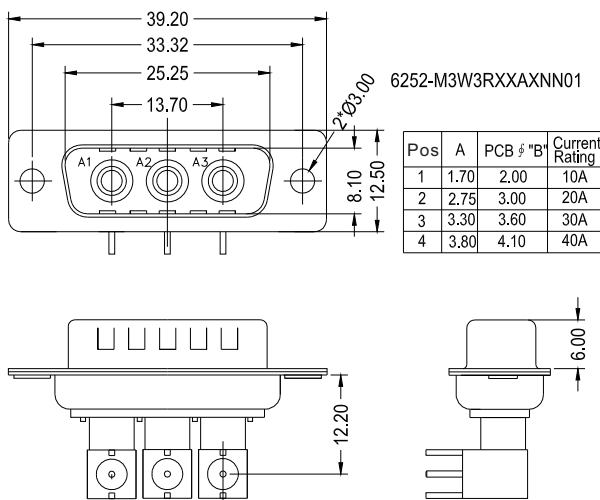
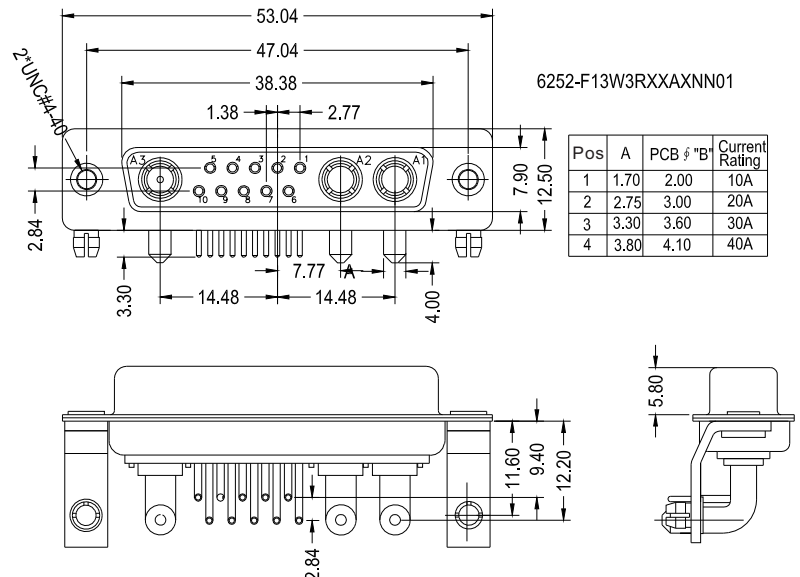
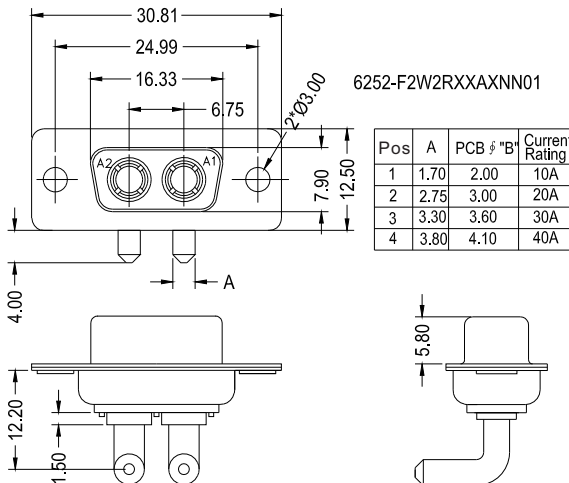
R

Contact plating area
G0=Gold Flash
G3=10u"Au
G4=15u"Au
G5=30u"Au

A=PBT

Colour
B:Black
U:Blue

N 01



SPECIFICATIONS

Current Rating:5.0AMP
 Contact Resistance:15mΩ Max
 Insulation Resistance:1000MΩ
 Withstand Voltage:1000V AC/Minute
 Operation Temperature:-55℃ to +105℃
 Insulator Material:ZN Alloy
 Shell: Cold Roller Steel, Ni Plated
 Insertion Force: 3.33N/ pin Max.
 Withdrawal Force: 0.29N/pin Min

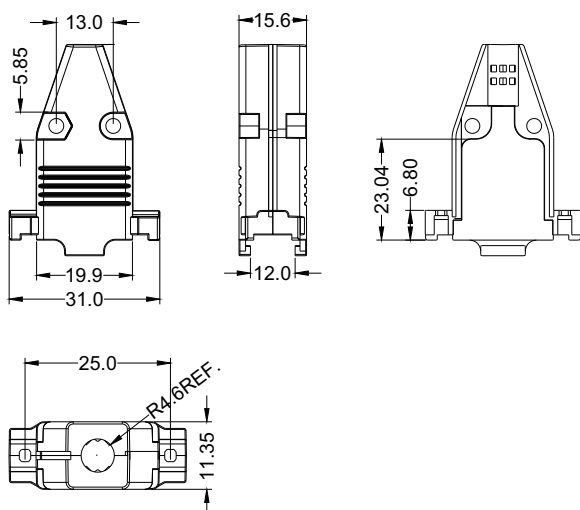


H6220-XXAM1SSCXX01

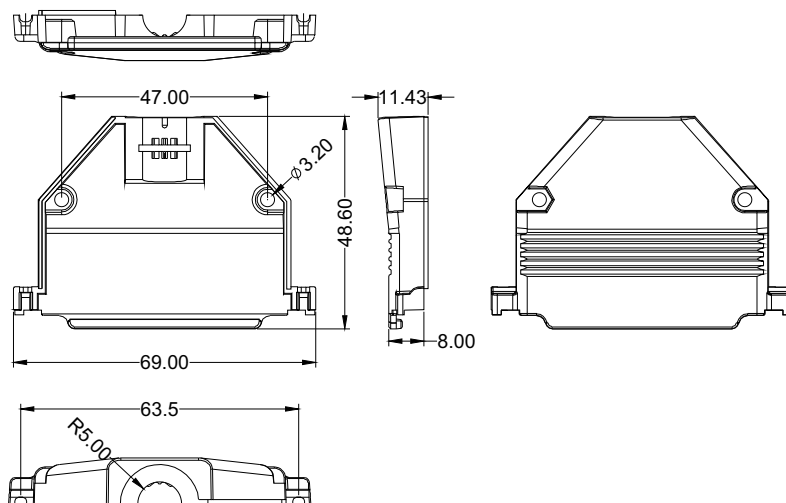
H6220 - XX A M 1 S S C XX 01

Positions
 9,15,25,37

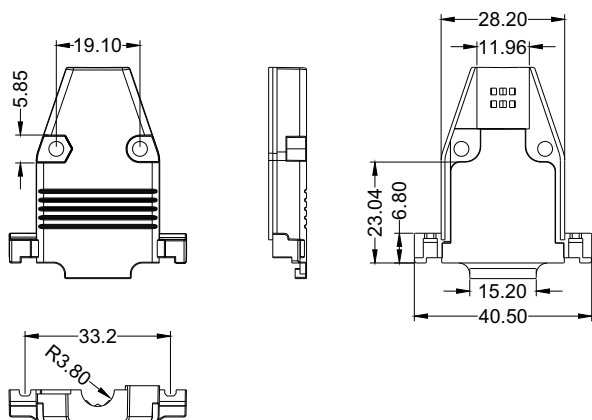
9PIN



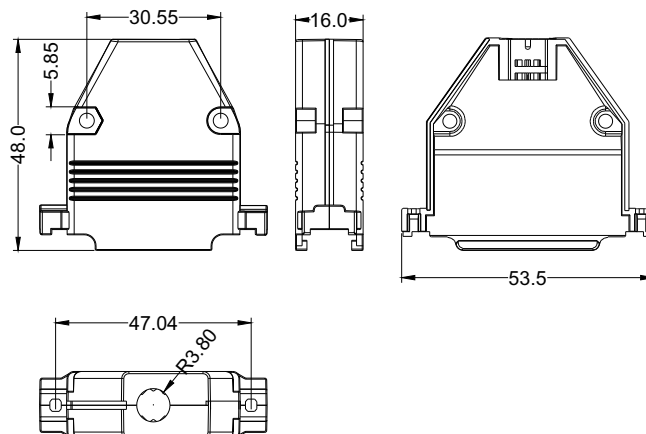
37PIN



15PIN



25PIN





SPECIFICATIONS

Current Rating:5.0AMP

Contact Resistance:15mΩ Max

Insulation Resistance:1000MΩ

Withstand Voltage:1000V AC/Minute

Operation Temperature:-55℃ to +105℃

Insulator Material:ZN Alloy

Shell: Cold Roller Steel, Ni Plated

Insertion Force: 3.33N/ pin Max.

Withdrawal Force: 0.29N/pin Min

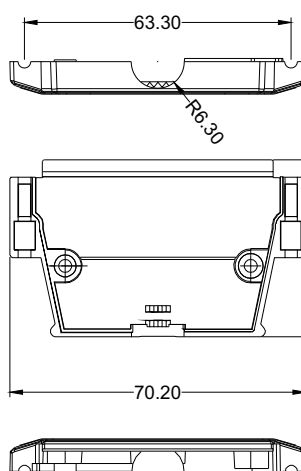
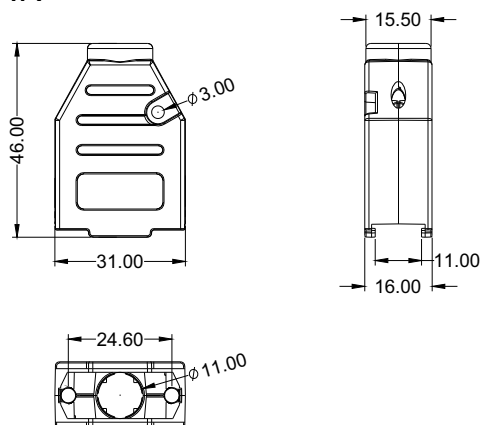


H6220-XXAM1SSCXX01

H6220 - XX A M 1 S L C XX 01

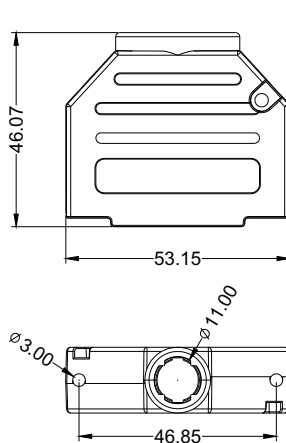
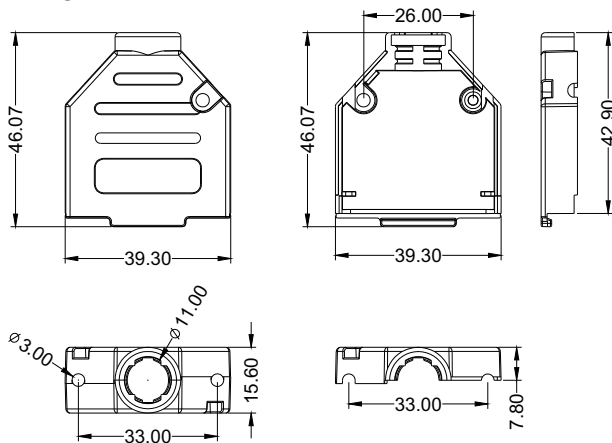
Positions
9,15,37

9PIN

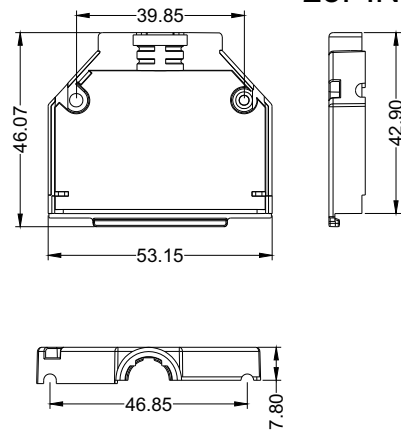


37PIN

15PIN



25PIN




SPECIFICATIONS

Current Rating:5.0AMP

Contact Resistance:15mΩ Max

Insulation Resistance:1000MΩ

Withstand Voltage:1000V AC/Minute

Operation Temperature:-55℃ to +105℃

Insulator Material:ZN Alloy

Shell: Cold Roller Steel, Ni Plated

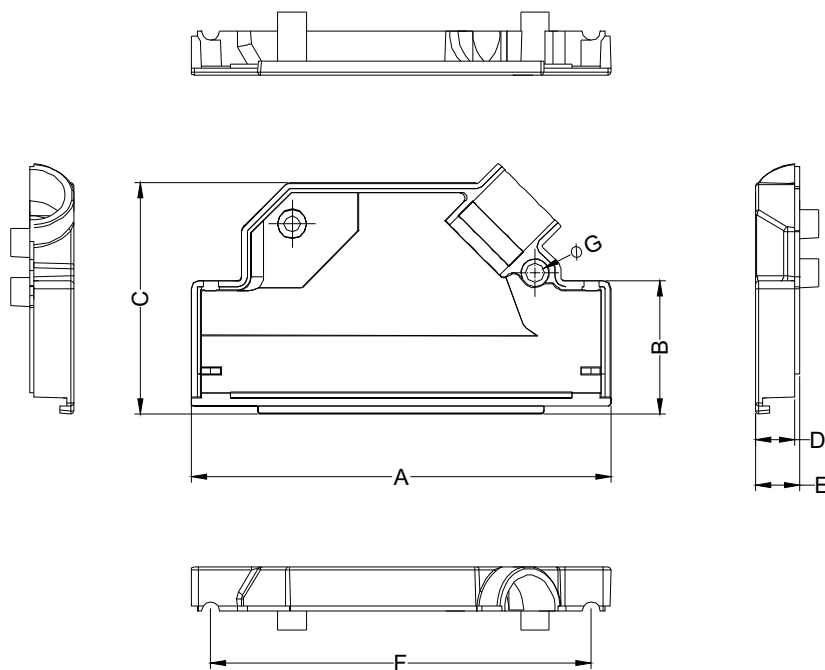
Insertion Force: 3.33N / pin Max.

Withdrawal Force: 0.29N / pin Min



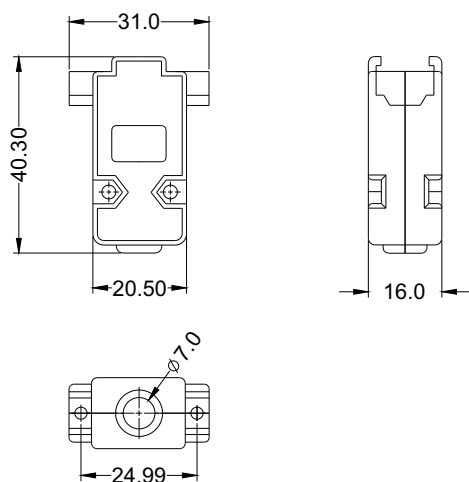
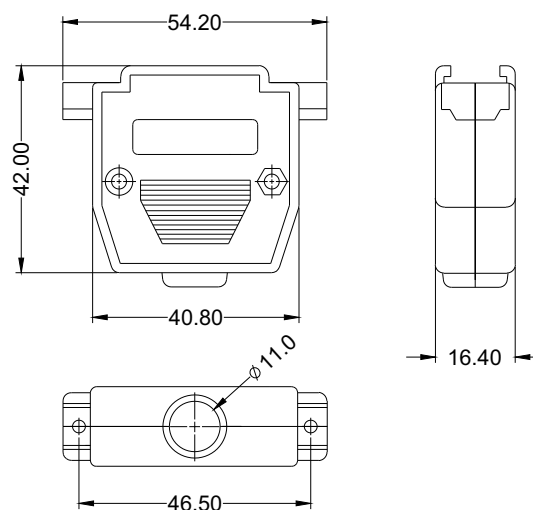
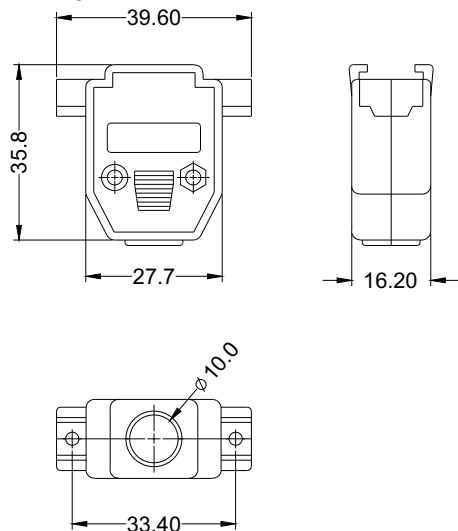
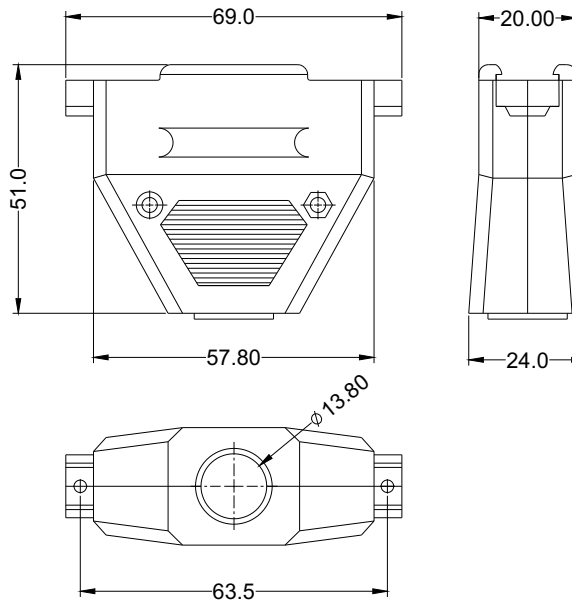
H6220-09AM1LLC1201

H6220 - XX A M 1 L L C 12 01

Positions
9,15,37,50


DIMENSIONS							
Pos	A	B	C	D	E	F	G
09	31.46	19.78	33.74	6.35	7.20	--	3.20
15	39.65	20.00	38.21	6.35	7.35	33.50	2.60
37	70.04	20.98	38.44	6.60	7.40	63.50	3.20
50	67.58	20.99	38.50	8.05	8.85	61.00	2.70


SPECIFICATIONS
Current Rating:5.0AMP
Contact Resistance:15mΩ Max
Insulation Resistance:1000MΩ
Withstand Voltage:1000V AC/Minute
Operation Temperature:-55℃ to +105℃
Insulator Material:ABS
Insertion Force: 3.33N/pin Max.
Withdrawal Force: 0.29N/pin Min

H6220-09AP2SSCXX01
H6220 - XX A P 2 S S C 12 01
Positions
9,15,25,37
9PIN

25PIN

15PIN

37PIN




SPECIFICATIONS

Current Rating:5.0AMP

Contact Resistance:15mΩ Max

Insulation Resistance:1000MΩ

Withstand Voltage:1000V AC/Minute

Operation Temperature:-55℃ to +105℃

Contact Material: Brass

Contact plating: Au Or Sn over Ni

Insulator Material: PBT+30%G.F UL94V-0

Shell: Cold Roller Steel, Ni Plated

Insertion Force: 3.33N/pin Max.

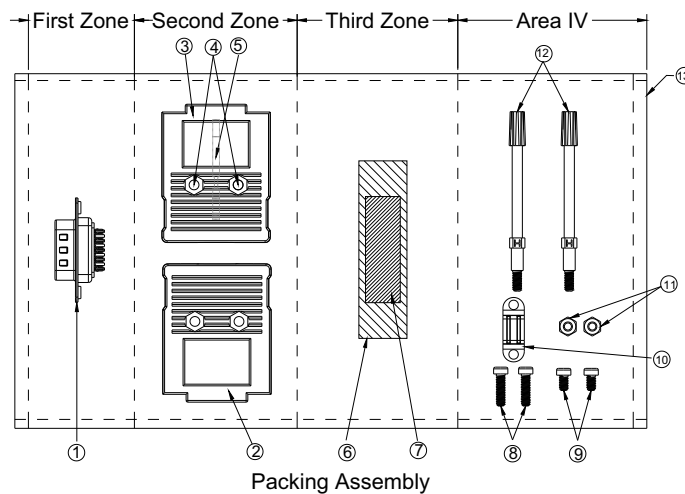
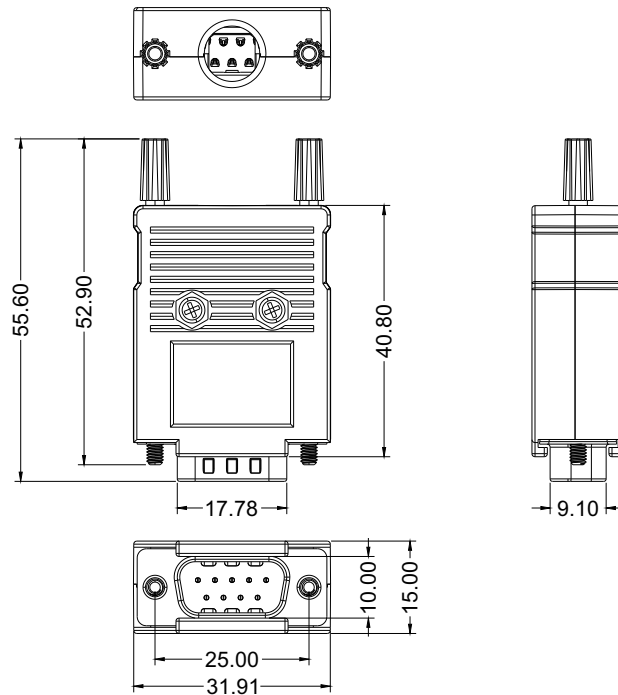
Withdrawal Force: 0.29N/pin Min



H6220-09AP2SLCXX01

H6220 - 09 A P 2 S L C XX 0 1

Positions
9



6220-09MNS2BK1024S

No.	Name
1	connector
2	Case Front
3	Case Rear
4	Insulator
5	Grounding Plate
6	Aluminium Foil
7	Heat Shrink Tubing
8	Long Screw
9	Short Screw
10	Cable Cramp
11	Nut
12	Jack Screw
13	Bag

SPECIFICATIONS

Dustproof and waterproof Grade:
IP67

Operation Temperature:
-45°C to +85°C

Operation Humidity :
95±40°C;



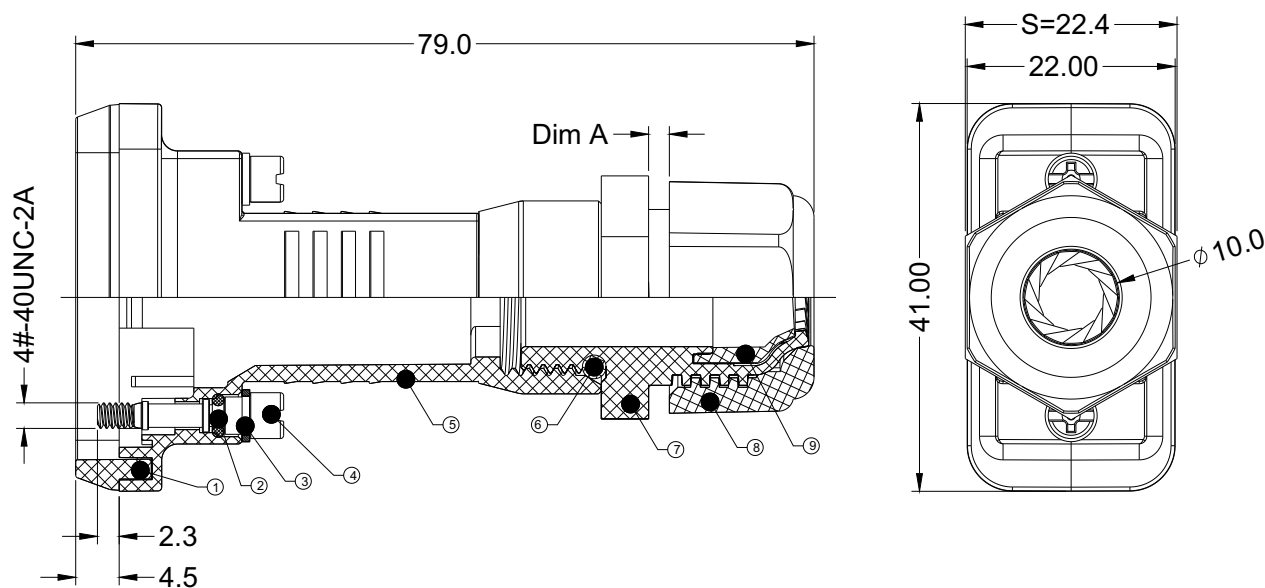
H6220-09WP3SSC0901

H6220 - 09 W P 3 S S C 09 01

Positions
9

Screw type
C: 4#-40UNC

Outlet Diameter:
05: 5.0mm
06: 6.0mm
07: 7.0mm
08: 8.0mm
09: 9.0mm
10: 10.0mm



About 2.0mm	φ9.0	30Kgf.cm
About 1.5mm	φ8.0	25Kgf.cm
About 0.9mm	φ7.0	25Kgf.cm
About 0.5mm	φ6.0	25Kgf.cm
About 0mm	φ5.0	25Kgf.cm
Dim A	Cable Diameter	Locking moment

9	Wire Clamp SEALING RING	Silastic(50~70HA)	Orange(1675C)
8	Plastic Nuts	Engineering plastic	Black
7	Hexagonal S22.4 Plastic Clips	Engineering plastic	Black
6	Internal sealing ring	Silastic(50~70HA)	Orange(1675C)
5	Plastic body	Engineering plastic	Black
4	Round Head Cross Screw(4#-40 UNC)	Stainless steel	Stainless Steel Color
3	Metal Gasket	Copper alloy	Plating: Ni
2	4#-40UNCscrew SEALING RING	Silastic(50~70HA)	Orange(1675C)
1	External sealing RING	Silastic(50~70HA)	Orange(1675C)
Serial number	Name	Material	Color