



D-Sub Connector Machine Pin H.D. R/A Type

MATERIAL

Insulator : Polyester
Contact Pin : Copper Alloy

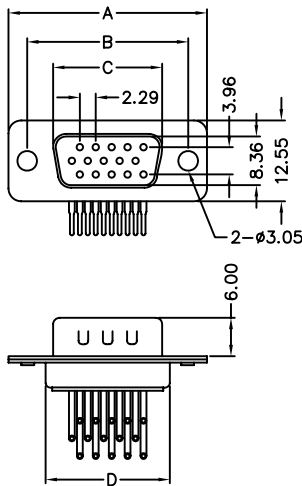
SPECIFICATION

Current Rate : 5 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA
Operation Temperature : -55°C to +105°C

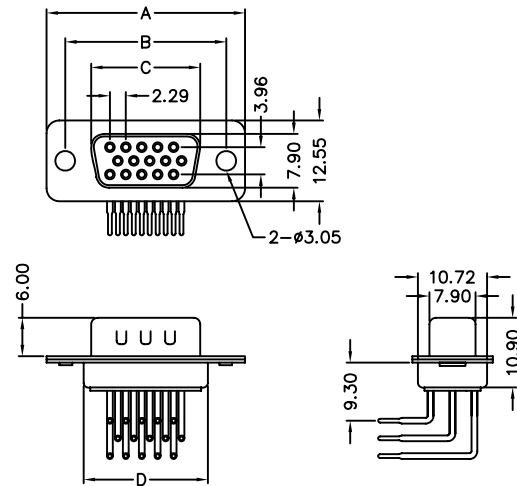


Detail Dimensions

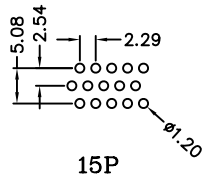
982-B1-9xx001



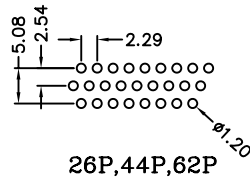
982-B1-8xx001



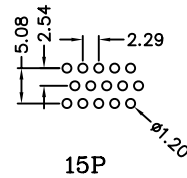
Recommended P.C.B Layout



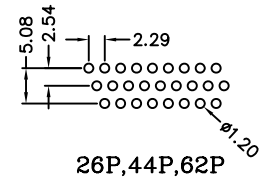
15P



26P,44P,62P



15P



26P,44P,62P

Order Information

982-B1- x xx 001
1 2

1. 8: Female
9: Male
2. No. of contacts

Standard Parts
982-B1-8xx001
982-B1-9xx001

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C	DIM D		Poles	DIM A	DIM B	DIM C	DIM D			
15	30.81	24.99	16.92	19.28		15	30.81	24.99	16.33	19.28			
26	39.14	33.32	25.25	27.51		26	39.23	32.96	24.66	27.55			
44	53.04	47.04	38.96	41.28		44	53.14	47.04	38.38	41.28			
62	69.32	63.50	55.42	57.71		62	69.44	63.50	54.84	57.71			



D-Sub Connector Straight Type

MATERIAL

Insulator : Polyester
Contact Pin : Copper Alloy

SPECIFICATION

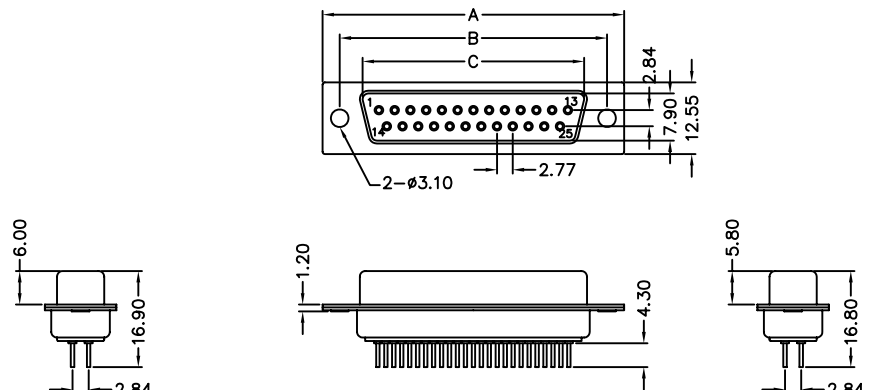
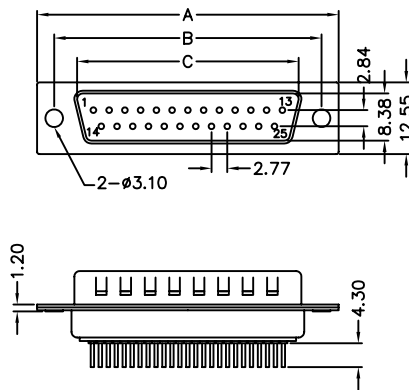
Current Rate : 1 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA
Operation Temperature : -55°C to +105°C



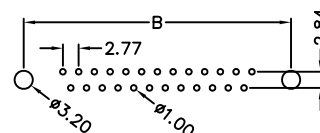
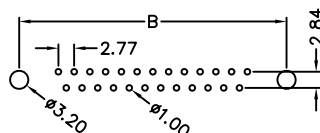
Detail Dimensions

982-21-Axxx05

982-21-Bxxx05



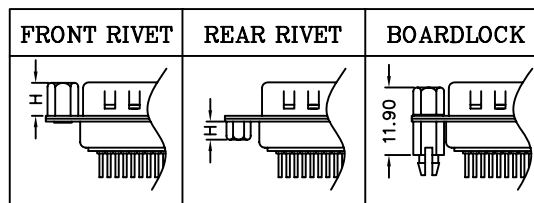
Recommended P.C.B Layout



Order Information

982-21- x xx x x 5
1 2 3 4

1. A: Male
B: Female
2. No. of contacts
3. 0: Black Insulator
2: White Insulator
4. 0: None Accessories
1: Front rivet #4-40 H=4.0mm
3: Rear rivet #4-40 H=4.0mm



Standard Parts
982-21-Axxx05
982-21-Axxx05

- 5: Rear rivet Boardlock #4-40
- 6: Rear rivet Boardlock #4-40 with screw inserted
- 7: Rear rivet #4-40 H=5.8mm with screw inserted
- 8: Rear rivet #4-40 H=5.8mm

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C		Poles	DIM A	DIM B	DIM C				
9	30.81	24.99	16.92		9	30.81	24.99	16.33				
15	39.25	33.32	25.25		15	39.25	33.32	24.66				
25	53.04	47.04	38.96		25	53.04	47.04	38.38				
37	69.50	63.50	55.42		37	69.50	63.50	54.84				



D-Sub Connector H.D. Straight Type

MATERIAL

Insulator : Polyester
Contact Pin : Copper Alloy

SPECIFICATION

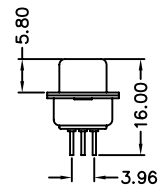
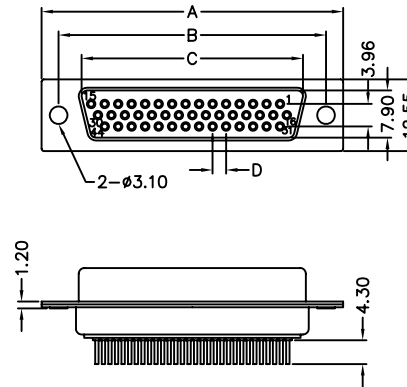
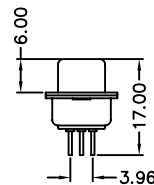
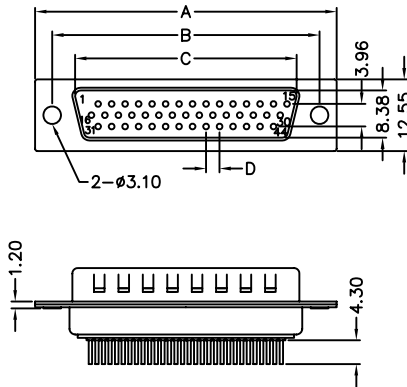
Current Rate : 1 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA
Operation Temperature : -55°C to +105°C



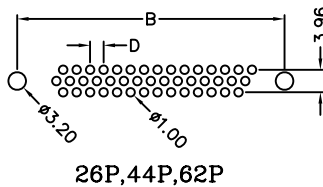
Detail Dimensions

982-21-Cxxx05

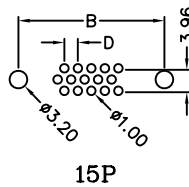
982-21-Dxxx05



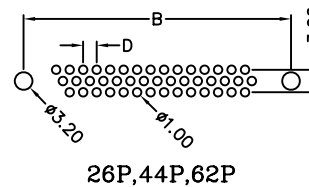
Recommended P.C.B Layout



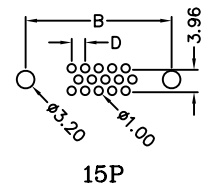
26P,44P,62P



15P



26P,44P,62P

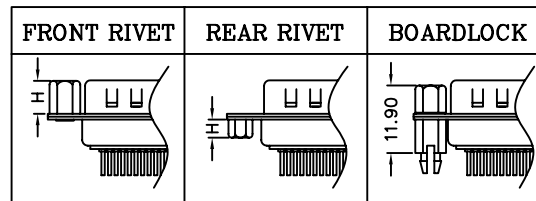


15P

Order Information

982-21- x xx x x 5
1 2 3 4

1. C: Male
D: Female
2. No. of contacts
3. 0: Black Insulator
2: White Insulator
4. 0: None Accessories
1: Front rivet #4-40 H=4.0mm
3: Rear rivet #4-40 H=4.0mm



Standard Parts
982-21-Cxxx05
982-21-Dxxx05

- 5: Rear rivet Boardlock #4-40
- 6: Rear rivet Boardlock #4-40 with screw inserted
- 7: Rear rivet #4-40 H=5.8mm with screw inserted
- 8: Rear rivet #4-40 H=5.8mm

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C	DIM D		Poles	DIM A	DIM B	DIM C	DIM D
15	30.81	24.99	16.92	2.29		15	30.81	24.99	16.33	2.29
26	39.25	33.32	25.25	2.29		26	39.25	33.32	24.66	2.29
44	53.04	47.04	38.96	2.29		44	53.04	47.04	38.38	2.29
62	69.50	63.50	55.42	2.41		62	69.50	63.50	54.84	2.41



D-Sub Connector Machine Pin Straight Type

MATERIAL

Insulator : Polyester
Contact Pin : Copper Alloy

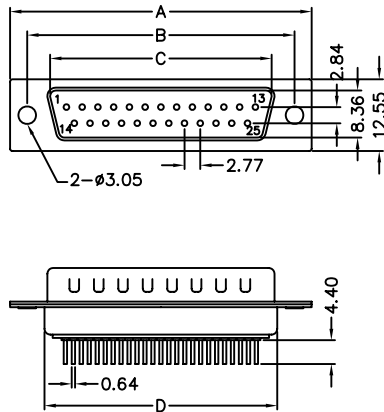
SPECIFICATION

Current Rate : 5 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA
Operation Temperature : -55°C to +105°C

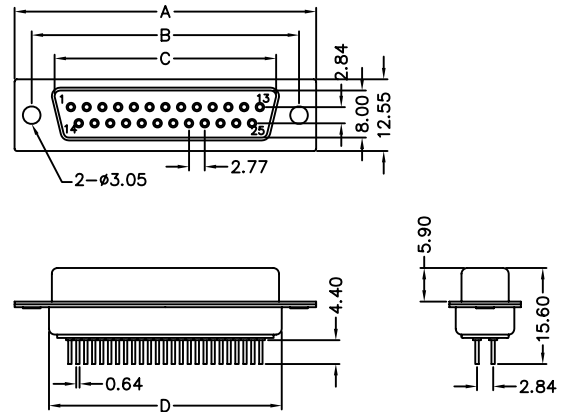


Detail Dimensions

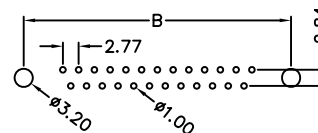
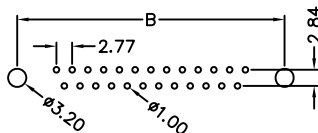
982-B1-1xxx01



982-B1-0xxx01



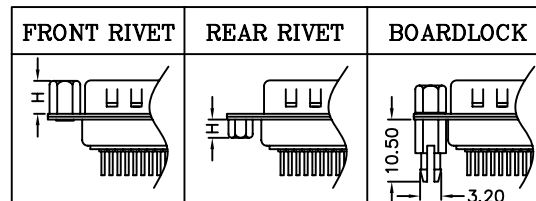
Recommended P.C.B Layout



Order Information

982-B1- x xx x x 1
1 2 3 4

1. 0: Female
1: Male
2. No. of contacts
3. 0: White Insulator
1: Black Insulator
4. 0: None Accessories
1: Front rivet #4-40 H=4.0mm
3: Rear rivet #4-40 H=4.0mm



Standard Parts
982-B1-0xxx01
982-B1-1xxx01

- 5: Rear rivet Boardlock #4-40
- 6: Rear rivet Boardlock #4-40 with screw inserted
- 7: Rear rivet #4-40 H=5.8mm with screw inserted
- 8: Rear rivet #4-40 H=5.8mm

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C	DIM D		Poles	DIM A	DIM B	DIM C	DIM D			
9	30.81	24.99	16.92	19.28		9	30.81	24.99	16.33	19.28			
15	39.14	33.32	25.25	27.51		15	39.14	33.32	24.66	27.51			
25	53.04	47.04	38.96	41.28		25	53.04	47.04	38.38	41.30			
37	69.32	63.50	55.42	57.71		37	69.32	63.50	54.84	57.71			



D-Sub Connector Machine Pin H.D. Straight Type

MATERIAL

Insulator : Polyester
Contact Pin : Copper Alloy

SPECIFICATION

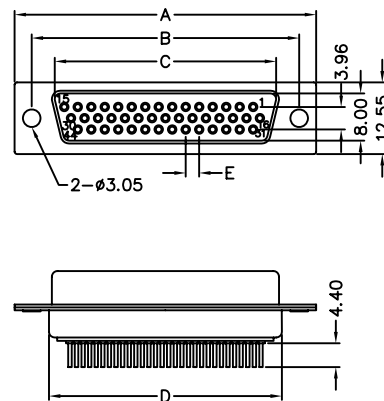
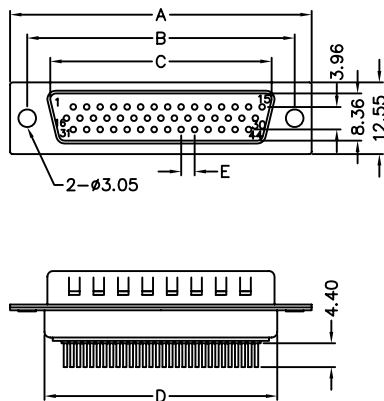
Current Rate : 5 AMP
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA
Operation Temperature : -55°C to +105°C



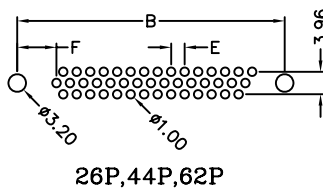
Detail Dimensions

982-B1-3xxx01

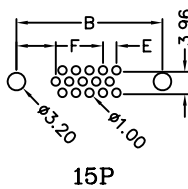
982-B1-2xxx01



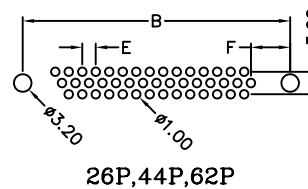
Recommended P.C.B Layout



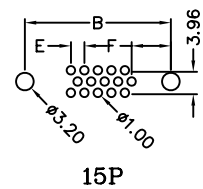
26P, 44P, 62P



15P



26P, 44P, 62P

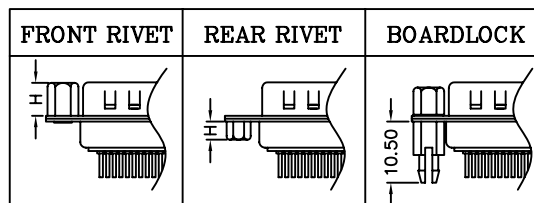


15P

Order Information

982-B1- x xx x x 1
1 2 3 4

1. 2: Female
3: Male
2. No. of contacts
3. 0: Black Insulator
2: White Insulator
4. 0: None Accessories
1: Front rivet #4-40 H=4.0mm
3: Rear rivet #4-40 H=4.0mm



Standard Parts
982-B1-2xxx01
982-B1-3xxx01

- 5: Rear rivet Boardlock #4-40
- 6: Rear rivet Boardlock #4-40 with screw inserted
- 7: Rear rivet #4-40 H=5.8mm with screw inserted
- 8: Rear rivet #4-40 H=5.8mm

Number Of Contacts

Unit: mm

Poles	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F		Poles	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	
15	30.81	24.99	16.92	19.28	2.29	7.04		15	30.81	24.99	16.33	19.28	2.29	7.04	
26	39.14	33.32	25.25	27.51	2.29	6.88		26	39.23	32.96	24.66	27.55	2.29	6.88	
44	53.04	47.04	38.96	41.28	2.29	6.88		44	53.14	47.04	38.38	41.28	2.29	6.88	
62	69.32	63.50	55.42	57.71	2.41	7.00		62	69.44	63.50	54.84	57.71	2.41	7.00	



Modular Jack Top Entry

MATERIAL

Insulator : Polyester

Contact Pin : Phosphor Bronze

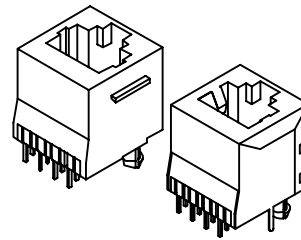
SPECIFICATION

Current Rate : 1.5 AMP

Insulation Resistance : 500M Ω Min. at DC 125V

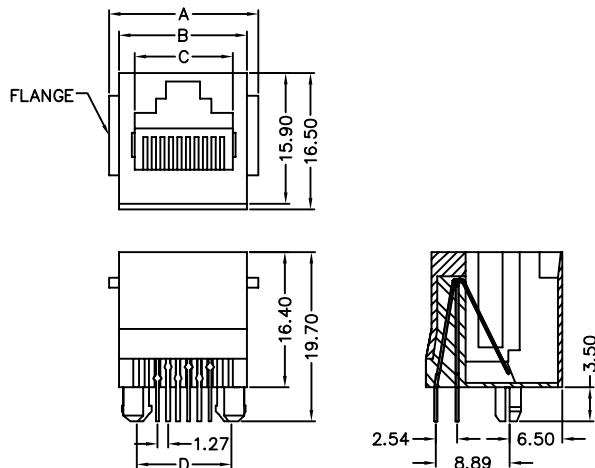
Contact Resistance : 30m Ω Max.

Operation Temperature : -40°C to +80°C

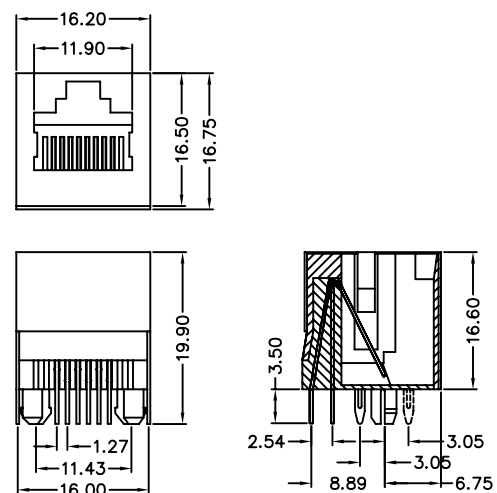


Detail Dimensions

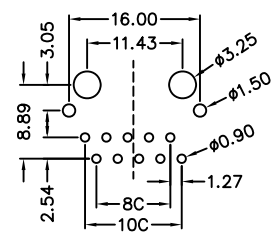
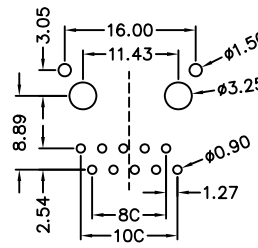
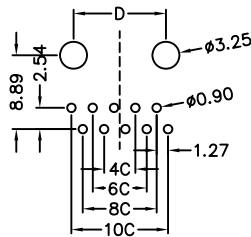
996-A2-01xxx1



996-A2-01xxx1 (Shielded)



Recommended P.C.B Layout



Front Tab

Rear Tab

Order Information

996-A2- 01 x x x 1

1 2 3 4

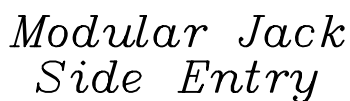
1. 2: Tray package
2. No. of position (4/6/8/10)
3. No. of contacts (2/4/6/8/10)
4. 0: without Flange
1: with Flange
A: without Flange ; Shielded ; Front Tab
B: with Flange ; Shielded ; Front Tab
C: without Flange ; Shielded ; Rear Tab
D: with Flange ; Shielded ; Rear Tab

Standard Parts
996-A2-01xx01
996-A2-01xx11
996-A2-01xxA1
996-A2-01xxB1
996-A2-01xxC1
996-A2-01xxD1

Number Of Contacts

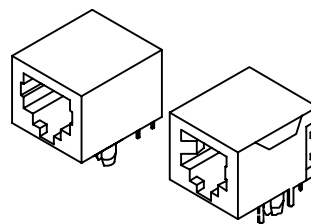
Unit: mm

Position	Contact	DIM A	DIM B	DIM C	DIM D
4	4	13.97	11.43	7.90	7.62
6	2/4/6	16.00	13.46	10.00	10.16
8	4/6/8	18.03	15.49	11.90	11.43
10	10	18.03	15.49	11.90	11.43

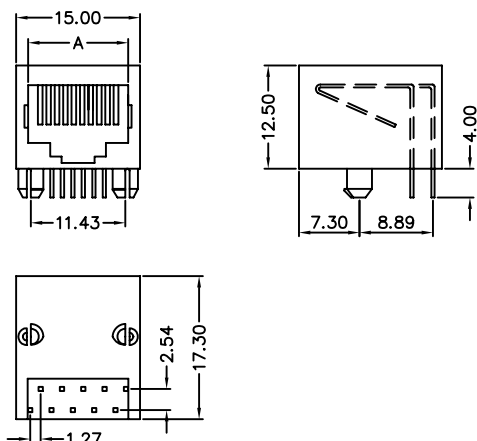
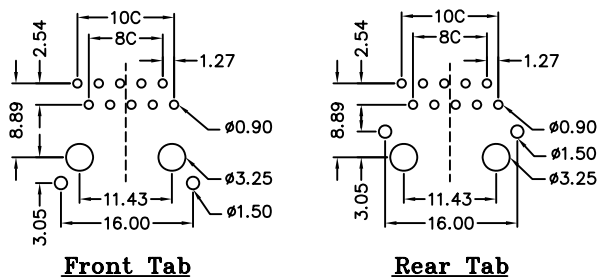


Insulator : Polyester
Contact Pin : Phosphor Bronze

Current Rate : 1.5 AMP
Insulation Resistance : 500MΩMin. at DC 125V
Contact Resistance : 30mΩMax.
Operation Temperature : -40°C to +80°C



996-A2-02xx01

[illegible]

996-A2- 02 x x x 1
1 2 3 4

1. 2: Tray package
2. No. of position (4/6/8/10)
3. No. of contacts (2/4/6/8/10)
4. 0: without Shield
 - A: Shielded ; Front Tab
 - B: Shielded ; Rear Tab

Standard Parts
996-A2-02xx01
996-A2-02xxA1
996-A2-02xxB1

Unit: mm

Position	Contact	DIM A		Position	Contact	DIM A	
4	4	7.80		6	2/4/6	9.90	
6	2/4/6	9.90		8	4/6/8	11.95	
8	4/6/8	11.90		10	10	11.95	
10	10	11.90					



Modular Jack Side Entry

■ MATERIAL

Insulator : Polyester

Contact Pin : Phosphor Bronze

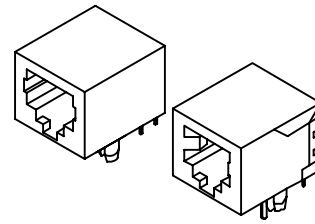
■ SPECIFICATION

Current Rate : 1.5 AMP

Insulation Resistance : 500M Ω Min. at DC 125V

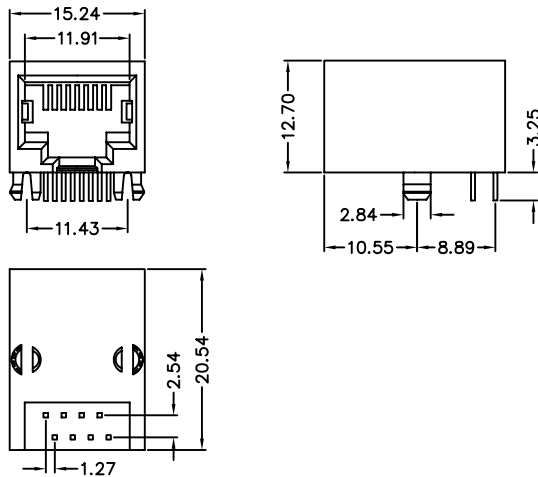
Contact Resistance : 30m Ω Max.

Operation Temperature : -40°C to +80°C

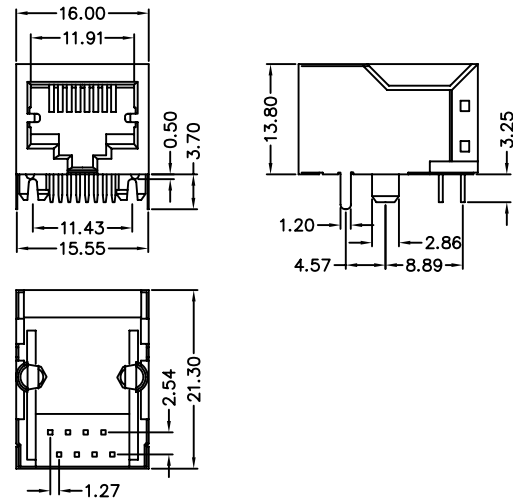


■ Detail Dimensions

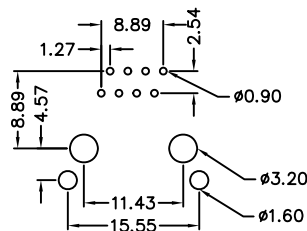
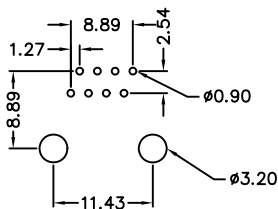
996-A2-118802



996-A2-1188A2 (Shielded)



■ Recommended P.C.B Layout



■ Order Information

996-A2- 11 8 8 x 2
1 2 3 4

1. 2: Tray package
2. No. of position (8)
3. No. of contacts (8)
4. 0: without Shield
A: Shielded

Standard Parts
996-A2-118802
996-A2-1188A2

Unit: mm



Modular Jack Top/Side Entry

MATERIAL

Insulator : Polyester

Contact Pin : Phosphor Bronze

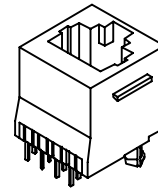
SPECIFICATION

Current Rate : 1.5 AMP

Insulation Resistance : 500MΩMin. at DC 125V

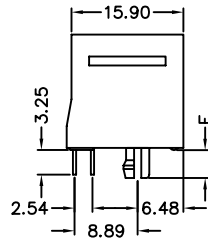
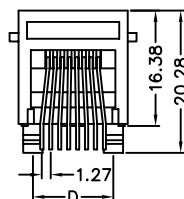
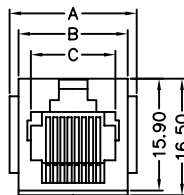
Contact Resistance : 30mΩMax.

Operation Temperature : -40°C to +80°C

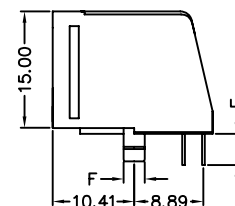
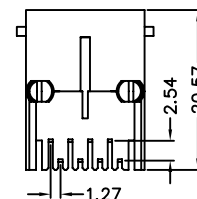
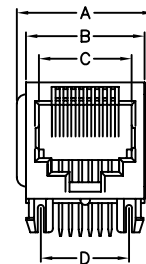


Detail Dimensions

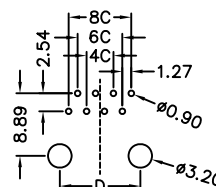
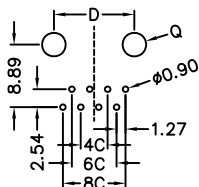
996-A2-12xxx2



996-A2-13xxx2



Recommended P.C.B Layout



Order Information

996-A2- xx x x x 2
1 2 3 4 5

1. 2: Tray package
2. 12: Top Entry
13: Side Entry
3. No. of position (4/6/8)
4. No. of contacts (2/4/6/8)
5. 0: without Flange
1: with Flange

Standard Parts
996-A2-12xx02
996-A2-12xx12
996-A2-13xx02
996-A2-13xx12

Number Of Contacts

Unit: mm

Position	Contact	DIM A	DIM B	DIM C	DIM D	DIM E	DIM Q	Position	Contact	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
4	4	13.80	11.43	7.88	7.62	2.90	Ø3.20	4	4	13.70	11.28	7.88	7.62	4.30	3.20
6	2/4/6	15.90	13.46	9.88	10.16	2.90	Ø3.20	6	2/4/6	15.74	13.34	9.88	10.16	4.30	3.20
8	4/6/8	17.90	15.50	11.91	11.43	3.90	Ø3.40	8	4/6/8	17.64	15.24	11.91	11.43	4.00	2.70



Modular Jack Side Entry

■ MATERIAL

Insulator : Polyester

Contact Pin : Phosphor Bronze

■ SPECIFICATION

Current Rate : 1.5 AMP

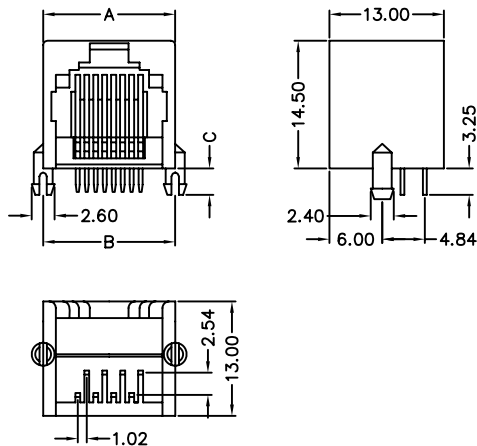
Insulation Resistance : 500MΩMin. at DC 125V

Contact Resistance : 30mΩMax.

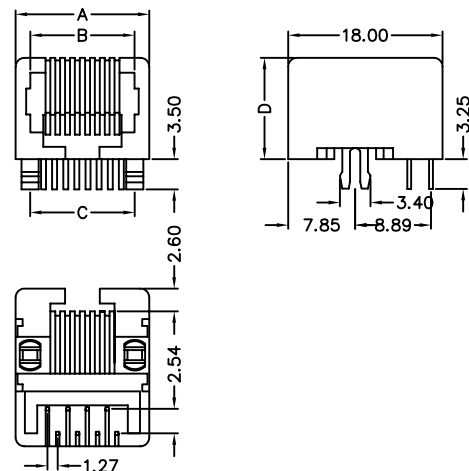
Operation Temperature : -40°C to +80°C

■ Detail Dimensions

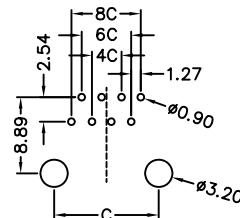
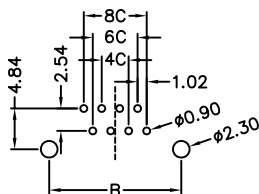
996-A2-B2xx02



996-A2-B4xx02



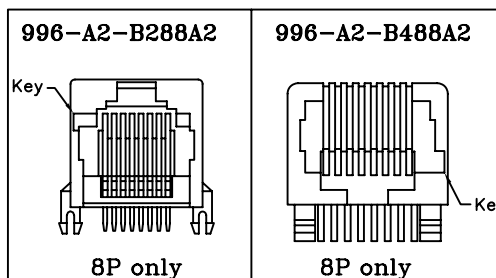
■ Recommended P.C.B Layout



■ Order Information

996-A2- xx x x x 2
1 2 3 4 5

1. 2: Tray package
2. B2: Right layout
B4: Left layout
3. No. of position (4/6/8)
4. No. of contacts (2/4/6/8)
5. 0: Standard
A: with Key



Standard Parts
996-A2-B2xx02
996-A2-B4xx02

■ Number Of Contacts

Unit: mm

Position	Contact	DIM A	DIM B	DIM C		Position	Contact	DIM A	DIM B	DIM C	DIM D	
4	4	10.00	10.00	3.20		4	4	11.20	7.90	7.62	11.70	
6	2/4/6	12.20	12.00	3.20		6	2/4/6	13.20	9.88	10.16	11.70	
8	4/6/8	15.00	15.00	3.00		8	4/6/8	15.20	11.91	11.43	11.50	



Modular Jack Side Entry

■ MATERIAL

Insulator : Polyester

Contact Pin : Phosphor Bronze

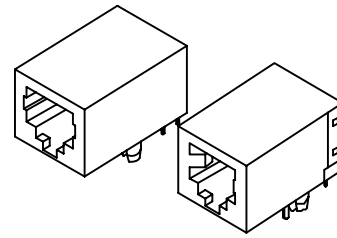
■ SPECIFICATION

Current Rate : 1.5 AMP

Insulation Resistance : 500MΩMin. at DC 125V

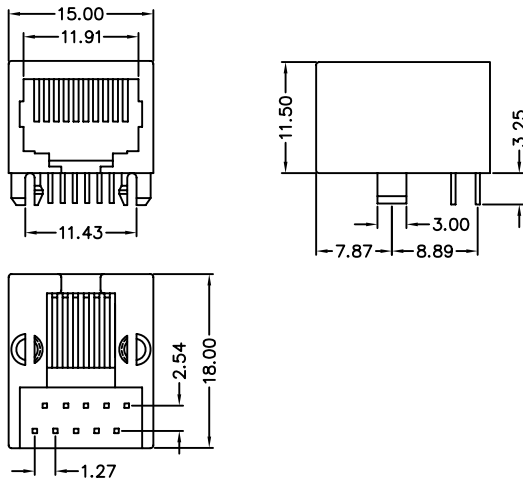
Contact Resistance : 30mΩMax.

Operation Temperature : -40°C to +80°C

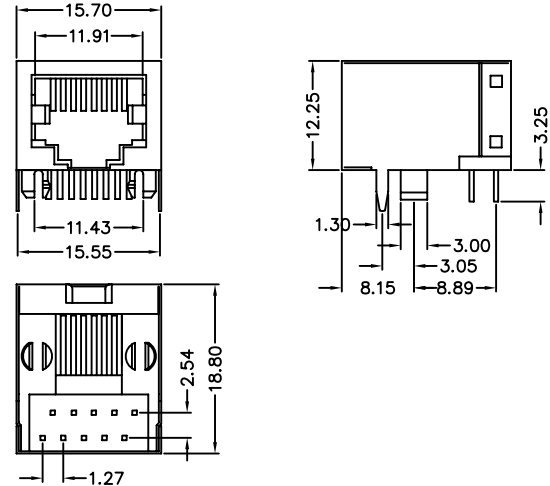


■ Detail Dimensions

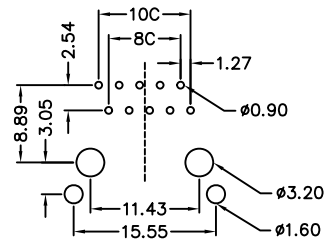
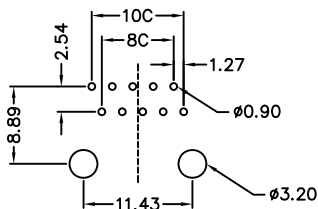
996-A2-B3xx02



996-A2-B3xxA2 (Shielded)



■ Recommended P.C.B Layout



■ Order Information

996-A2- B3 x x x 2
1 2 3 4

1. 2: Tray package
2. No. of position (8,10)
3. No. of contacts (8,10)
4. 0: without Shield
A: Shielded

Standard Parts
996-A2-B3xx02
996-A2-B3xxA2

Unit: mm



Modular Jack Top Entry

■ MATERIAL

Insulator : Polyester

Contact Pin : Phosphor Bronze

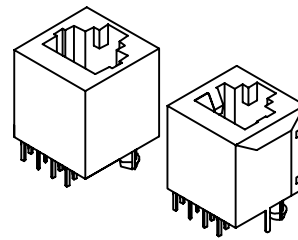
■ SPECIFICATION

Current Rate : 1.5 AMP

Insulation Resistance : 500MΩMin. at DC 125V

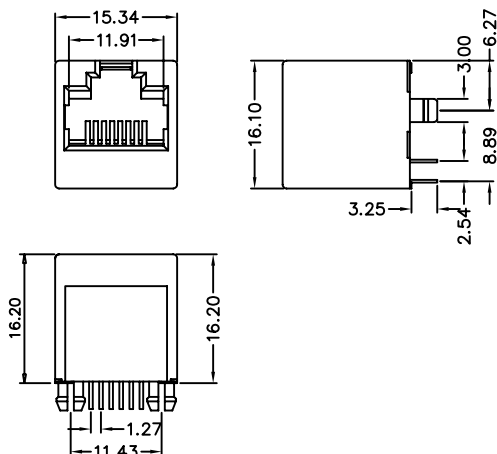
Contact Resistance : 30mΩMax.

Operation Temperature : -40°C to +80°C

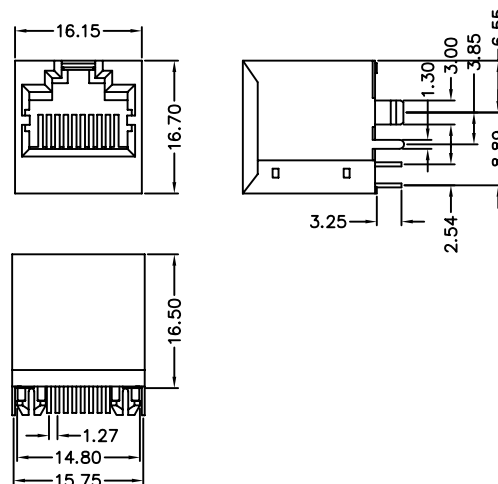


■ Detail Dimensions

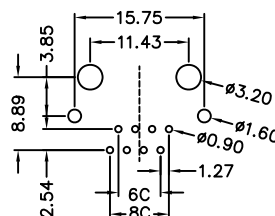
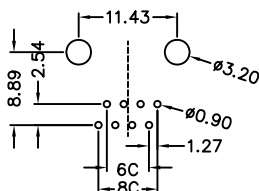
996-A2-B68x02



996-A2-B68x12



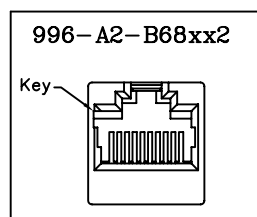
■ Recommended P.C.B Layout



■ Order Information

996-A2-B6 8 x x 2
1 2 3 4

1. 2: Tray package
2. No. of position (8)
3. No. of contacts (6/8)
4. 0: without Shield
1: with Shield
A: w/o Shield ; with Key
B: with Shield ; with Key



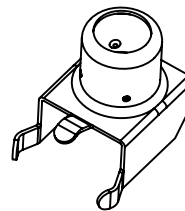
Standard Parts
996-A2-B68x02
996-A2-B68x12

Unit: mm

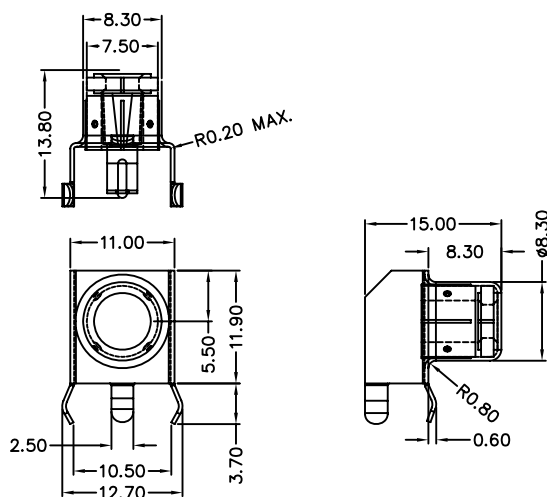


Insulator : Polyester
Contact Pin : Brass

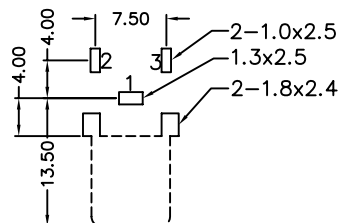
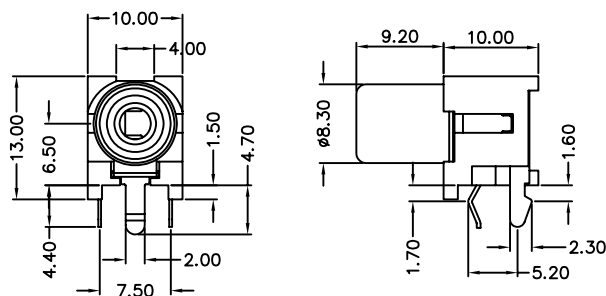
Current Rate : 0.2 AMP at 50V DC
Insulation Resistance : 1000MΩMin.
Contact Resistance : 30mΩMax. at DC 100mA
Operation Temperature : -40°C to +70°C



999-11-050036



999-11-057062



999-1 1 - 05 xxxx
1 2

1. 1: Bag package
2. Pinrex internal code

Standard Parts
999-11-050036
999-11-057062

G-31



Scart Connector Right Angle Type

MATERIAL

Insulator : Polyester

Contact Pin : Copper Alloy

SPECIFICATION

Current Rate : 3 AMP at 250V AC

Insulation Resistance : 1500MΩMin.

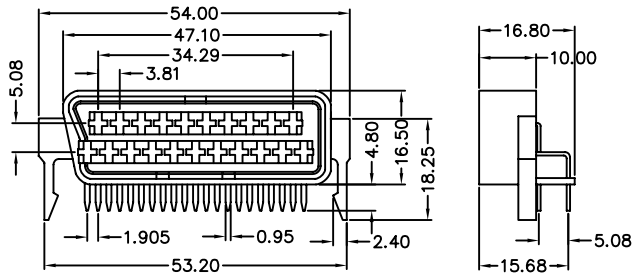
Contact Resistance : 11mΩMax. at DC 100mA

Operation Temperature : -40°C to +70°C

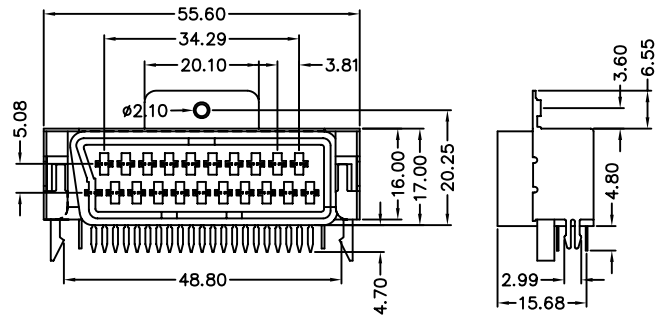


Detail Dimensions

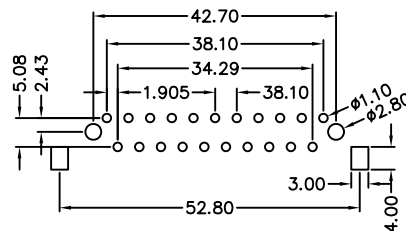
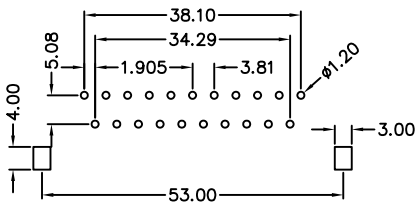
999-81-621201



999-81-6212A1



Recommended P.C.B Layout



Order Information

999-8 1 - 6 21 2 x 1
1 2 3

1. 1: Tray package
2. No. of contacts
3. 0: without Shield
A: with Shield

Standard Parts
999-81-621201
999-81-6212A1

Unit: mm



Micro USB Connector AB/B Type

MATERIAL

Insulator : High Temperature Polyester
Contact Pin : Copper Alloy
Shell : Stainless Steel

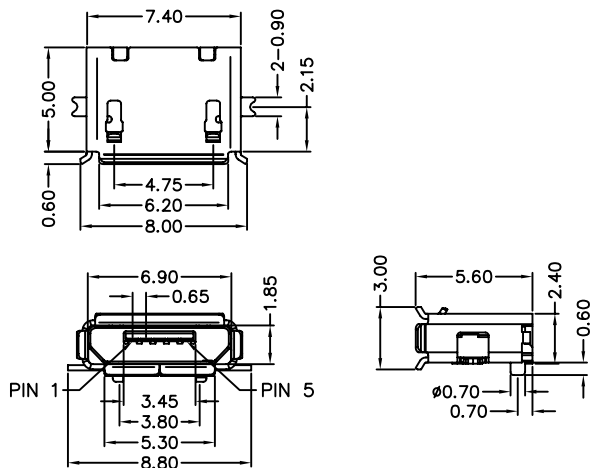
SPECIFICATION

Current Rate : 1 AMP at 250V DC
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA

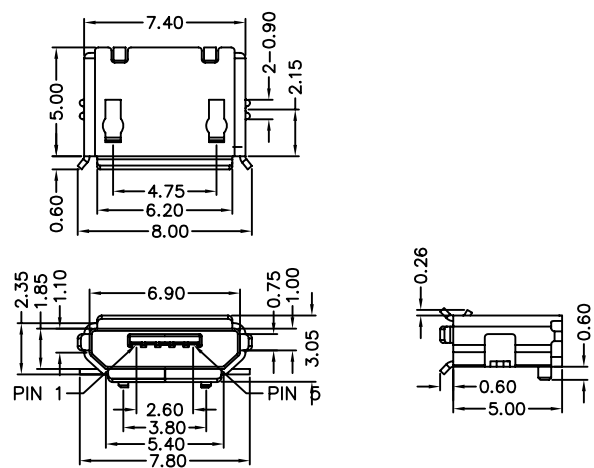


Detail Dimensions

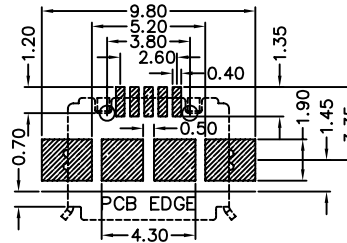
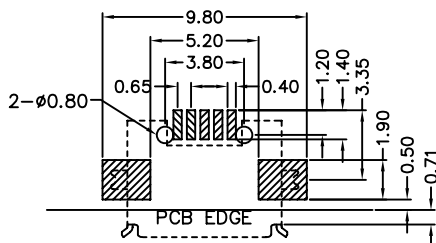
984-73-205279



984-73-805204



Recommended P.C.B Layout



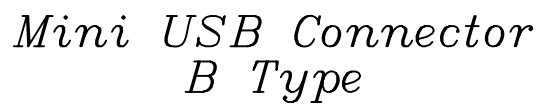
Order Information

984-73 - x 052 xx
1 2 3 4

1. 3: Reel package
2. 2: AB Type Female
- 8: B Type Female
3. No. of contacts
4. Pinrex internal code

Standard Parts	Type
984-73-205279	AB Type
984-73-805204	B Type

Unit: mm

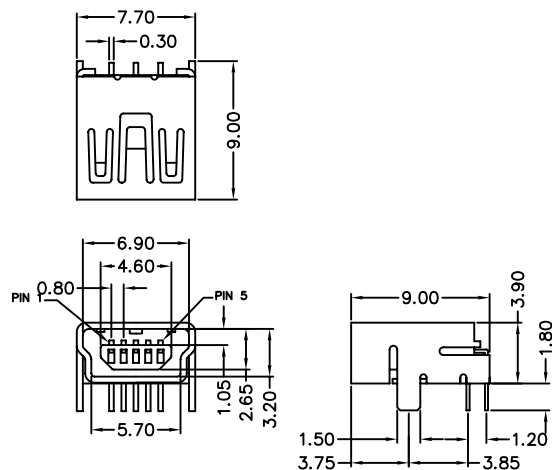


Insulator : High Temperature Polyester
Contact Pin : Copper Alloy
Shell : Stainless Steel

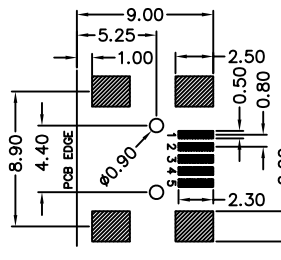
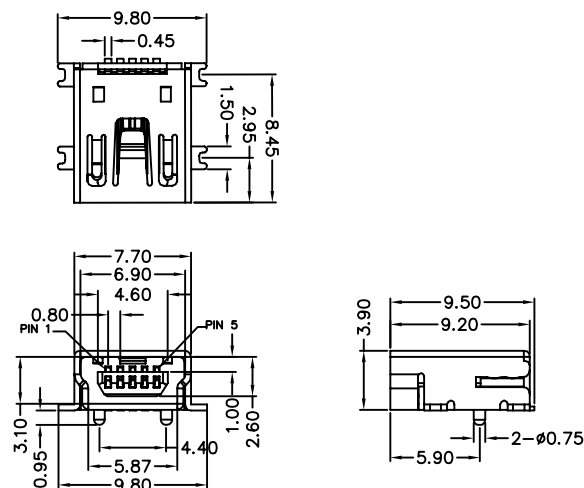


Current Rate : 1 AMP at 250V DC
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA

984-3x-805111



984-3x-805251


$$984-3\underline{x} - \underline{805} \underline{x} \underline{xx}$$

1 2 3 4

Standard Parts
984-31-805111
984-35-805251

1. 1: Tube package
3: Reel package
5: Tray package
2. No. of contacts
3. 1: R/A Type
2: SMT R/A Type
4. Pinrex internal code

G-02



USB Connector A Vertical Type

■ MATERIAL

Insulator : Polyester
Contact Pin : Copper Alloy
Shell : Stainless Steel

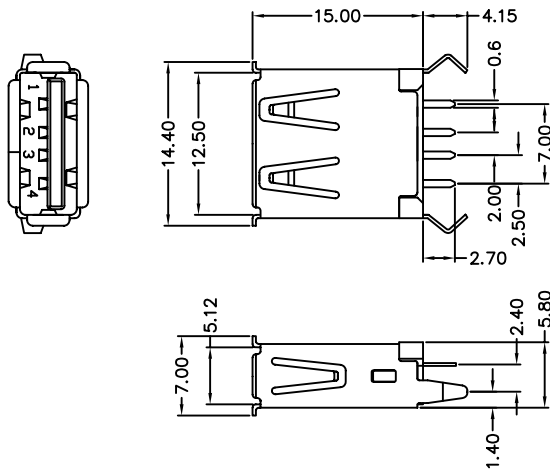
■ SPECIFICATION

Current Rate : 1 AMP at 250V DC
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA

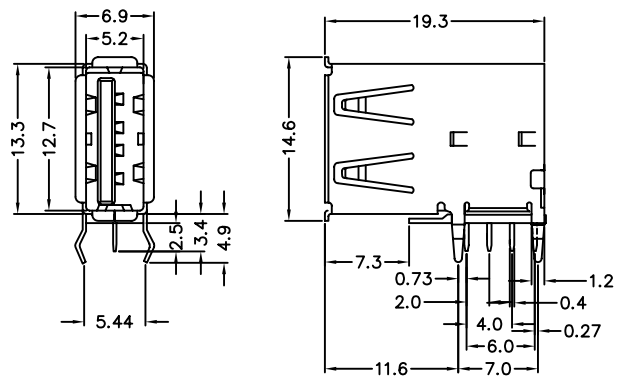


■ Detail Dimensions

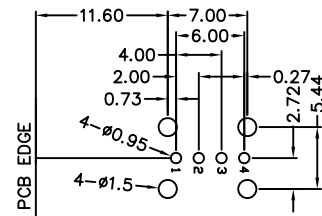
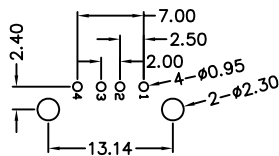
984-11-6041x1



984-11-6043x1



■ Recommended P.C.B Layout



■ Order Information

984-1 1 - 604 x x 1
1 2 3 4

1. 1: Tray package
2. No. of contacts
3. 1: Straight Type
3: R/A Vertical Type
4. 0: Black Insulator
1: White Insulator

Standard Parts
984-11-6041x1
984-11-6043x1

Unit: mm



USB Connector A R/A Type

■ MATERIAL

Insulator : Polyester
Contact Pin : Copper Alloy
Shell : Brass

■ SPECIFICATION

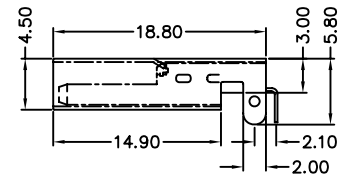
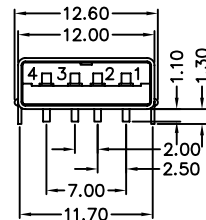
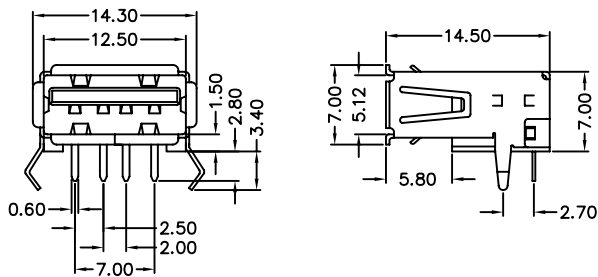
Current Rate : 1 AMP at 250V DC
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA



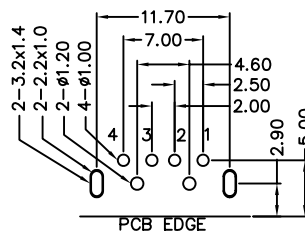
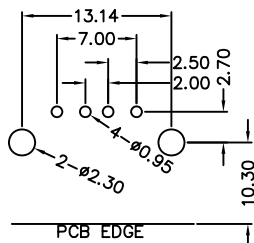
■ Detail Dimensions

984-11-6042x1

984-11-7042x1



■ Recommended P.C.B Layout



■ Order Information

984-1 1 - x 042 x 1
1 2 3 4

1. 1: Tray package
2. 6: Female
- 7: Male
3. No. of contacts
4. 0: Black Insulator
- 1: White Insulator

Standard Parts
984-11-6042x1
984-11-7042x1

Unit: mm



USB Connector A SMT R/A Type

MATERIAL

Insulator : Polyester
Contact Pin : Copper Alloy
Shell : Brass

SPECIFICATION

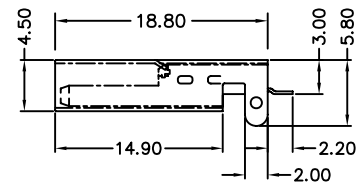
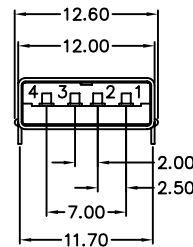
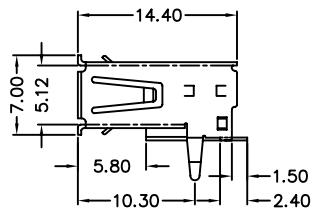
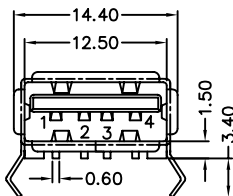
Current Rate : 1 AMP at 250V DC
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA



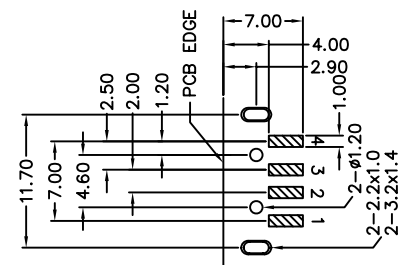
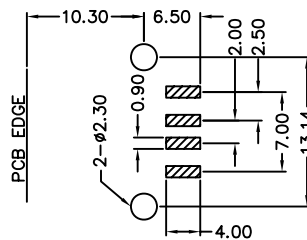
Detail Dimensions

984-11-6044x1

984-11-7044x1



Recommended P.C.B Layout



Order Information

984-1 1 - x 044 x 1
1 2 3 4

1. 1: Tray package
2. 6: Female
- 7: Male
3. No. of contacts
4. 0: Black Insulator
- 1: White Insulator

Standard Parts
984-11-6044x1
984-11-7044x1

Unit: mm



USB Connector A Stack Type

MATERIAL

Insulator : Polyester
Contact Pin : Copper Alloy
Shell : Brass

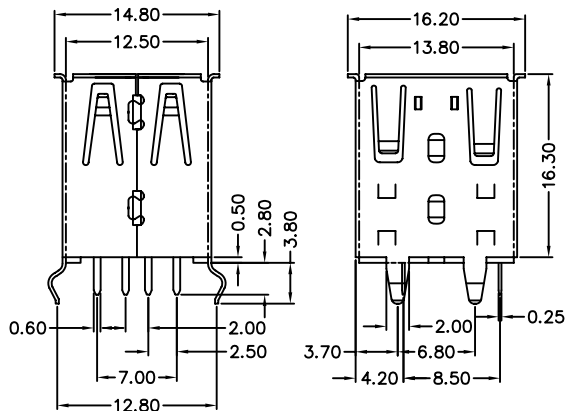
SPECIFICATION

Current Rate : 1 AMP at 250V DC
Insulation Resistance : 1000MΩMin. at DC 500V
Contact Resistance : 30mΩMax. at DC 100mA

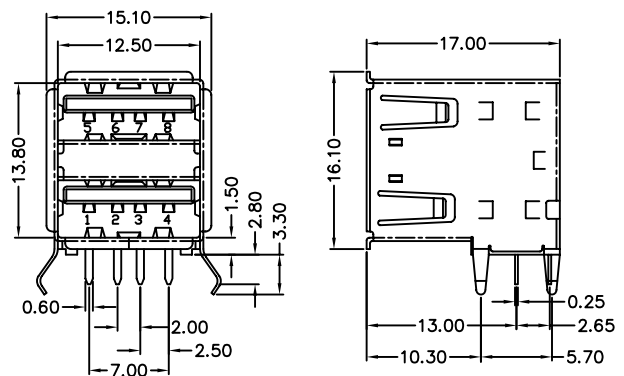


Detail Dimensions

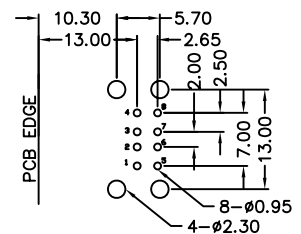
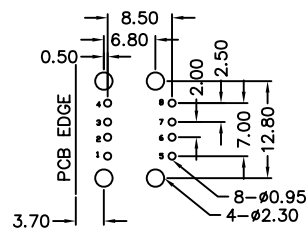
984-11-6081x1



984-11-6082x1



Recommended P.C.B Layout



Order Information

984-1 1 - 608 x x 1
1 2 3 4

1. 1: Tray package
2. No. of contacts
3. 1: Straight Type
2: Right Angle Type
4. 0: Black Insulator
1: White Insulator

Standard Parts
984-11-6081x1
984-11-6082x1

Unit: mm