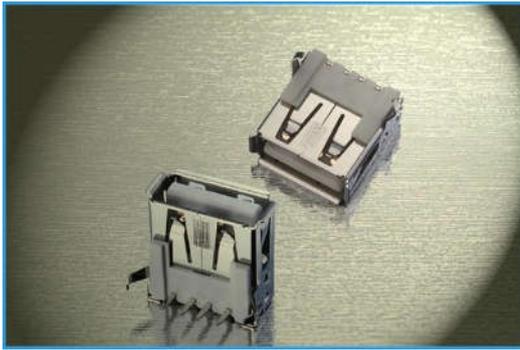


I/O CONNECTORS

USB/Mini USB connectors - USB sockets Type A THT/SMT 90°



SPECIFICATIONS

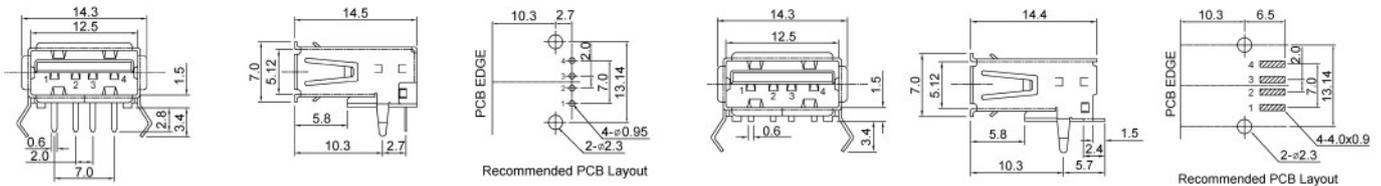
Current Rating: 1 A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 750V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

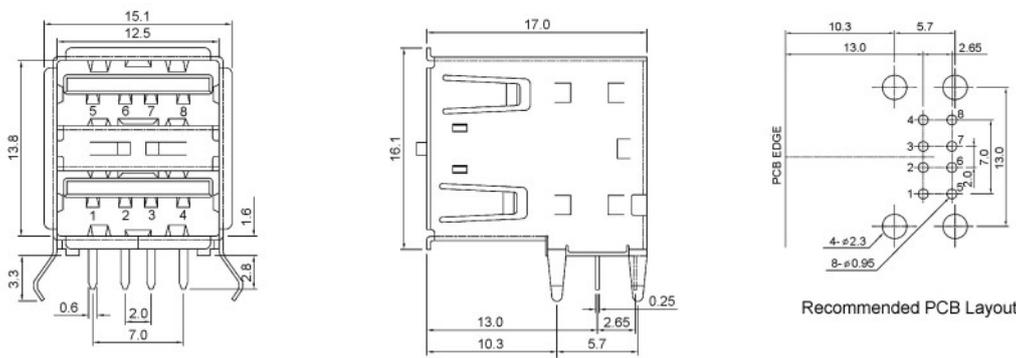
Insulator: PBT or Nylon 9T, UL 94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Brass Nickel plated

FEATURES

Suitable for 1.57mm thick PCB
 Mate with USB Plug type A
 Packaging tray



Poles	Part. No	Type
4	2363R1.90	THT 90°
4	2363R2.90	SMT 90°



Poles	Part. No	Type
4	2363R3.90	Dual Port



SPECIFICATIONS

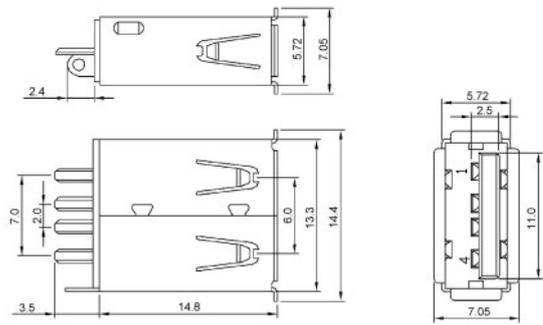
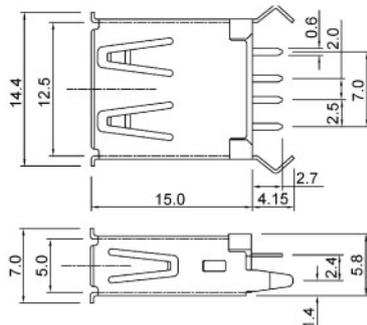
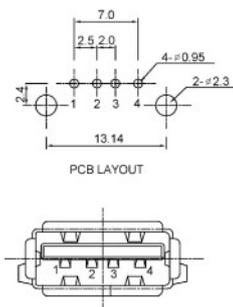
Current Rating: 1 A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 750V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

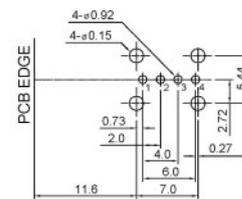
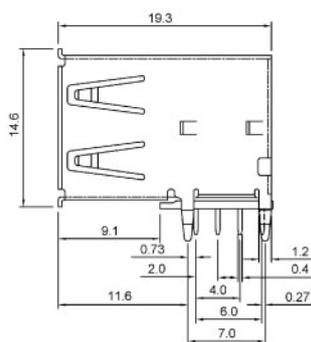
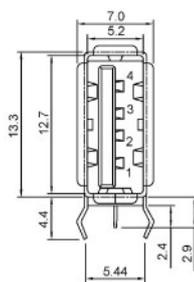
Insulator: PBT or Nylon 9T, UL 94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Brass Nickel plated

FEATURES

Suitable for 1.57mm thick PCB
 Mate with USB Plug type A
 Packaging tray



Poles	Part. No	Type
4	2363R4.90	THT 180°
4	2363R5.90	Solder



Recommended PCB Layout

Poles	Part. No.	Type
4	2363R6.90	Up right



SPECIFICATIONS

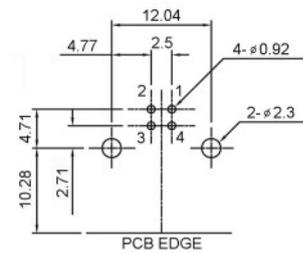
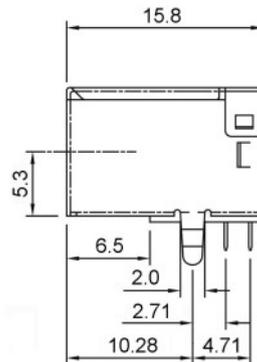
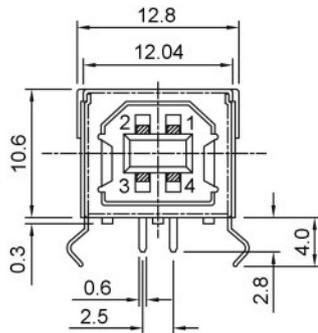
Current Rating: 1 A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 750V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

Insulator: PBT or Nylon 9T, UL 94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Brass nickel plated

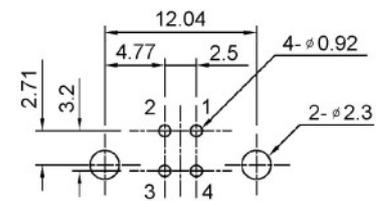
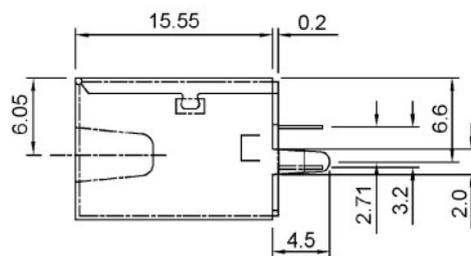
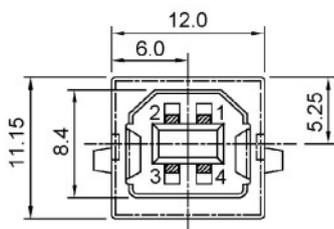
FEATURES

Suitable for 1.57mm thick PCB
 Mate with USB Plug type B
 Packaging tray



Recommended PCB Layout

Poles	Part. No	Type
4	2373R1.90	THT 90°

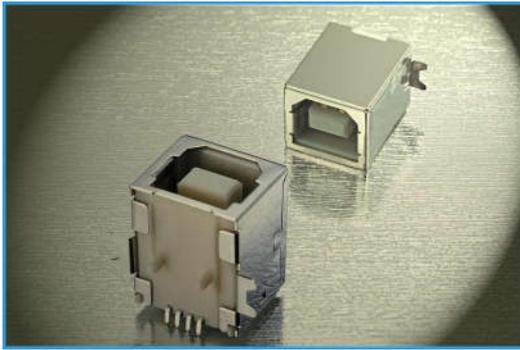


Recommended PCB Layout

Poles	Part. No.	Type
4	2373R2.90	THT 180°

I/O CONNECTORS

USB/Mini USB connectors - USB sockets Type B SMT 90/180°/Solder type



SPECIFICATIONS

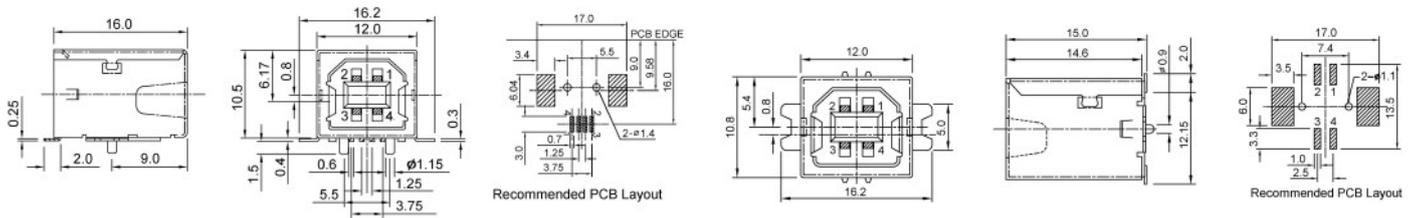
Current Rating: 1A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 750V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

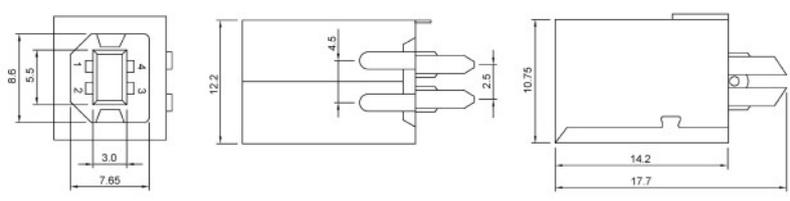
Insulator: PBT or Nylon 9T, UL 94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Brass nickel plated

FEATURES

Suitable for 1.57mm thick PCB
 Mate with USB Socket type B
 Packaging tray



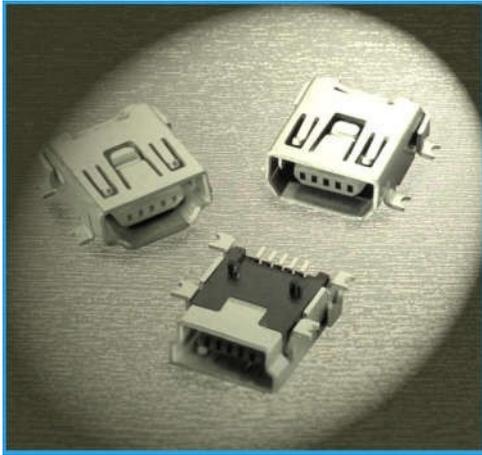
Poles	Part. No	Type
4	2373R3.90	SMT 90°
4	2373R4.90	SMT 180°



Poles	Part. No.	Type
4	2373R5.90	Solder

I/O CONNECTORS

USB/Mini USB connectors - Mini USB sockets Type B THT/SMT



SPECIFICATIONS

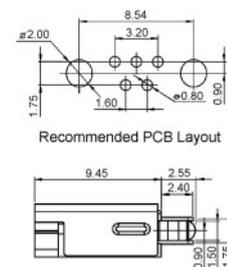
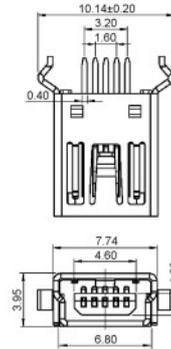
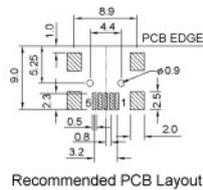
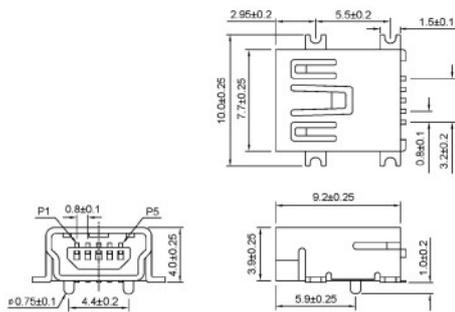
Current Rating: 1 A
 Insulation Resistance: 100 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 100V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

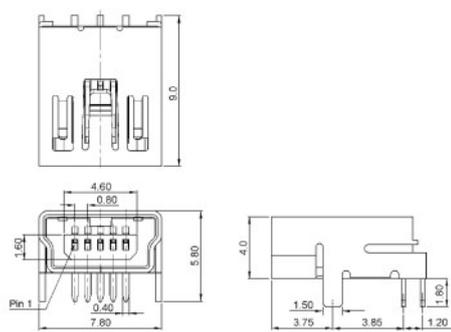
Insulator: LCP or Nylon 9T, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Selective Gold over Nickel
 Shell: Copper alloy Nickel plated

FEATURES

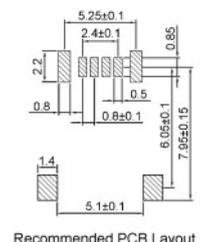
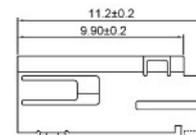
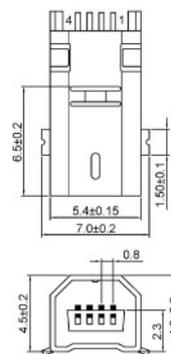
Fully compliant with USB2.0 specs.
 Compact and lightweight design for portable devices
 Operating up to 480 Mbps
 Packaging tray (optional tape&reel upon request)



Poles	Part. No	Type
5	2374R1.90	SMT 90°
5	2374R2.90	THT 180°



Recommended PCB Layout

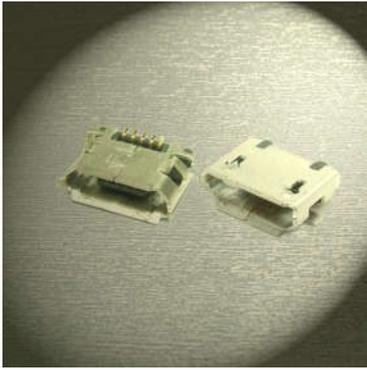


Recommended PCB Layout

Poles	Part. No.	Type
5	2374R3.90	THT 90°
2	2374R4.90	SMT 90°

I/O CONNECTORS

USB/Mini USB connectors - Micro USB sockets SMT 90°



SPECIFICATIONS

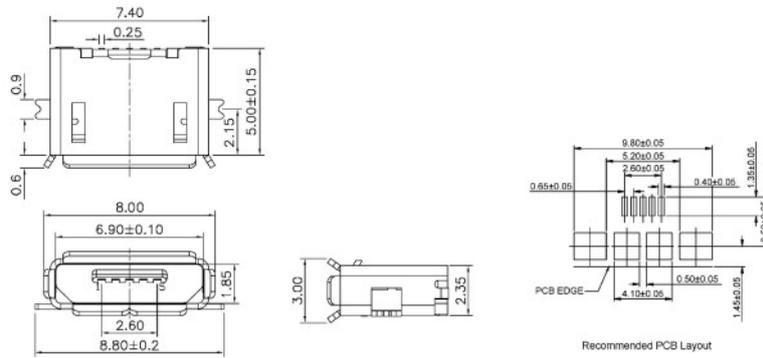
Current Rating: 1A
 Insulation Resistance: 100 MΩ min.
 Voltage Rating: 100V AC
 Withstanding Voltage: 100V AC
 Temperature Range: -20°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

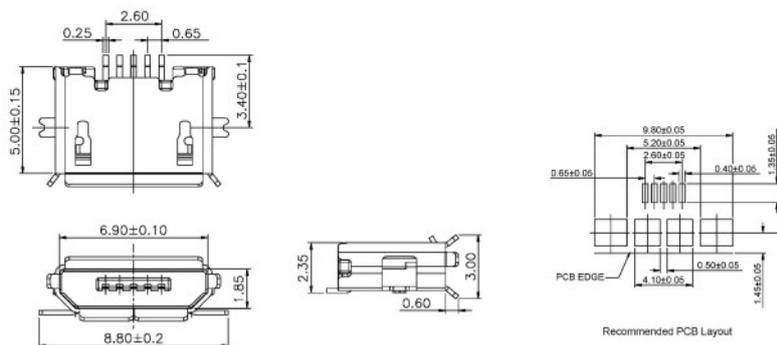
Insulator: LCP or Nylon 9T, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Selective Gold over Nickel
 Shell: Copper alloy Nickel plated

FEATURES

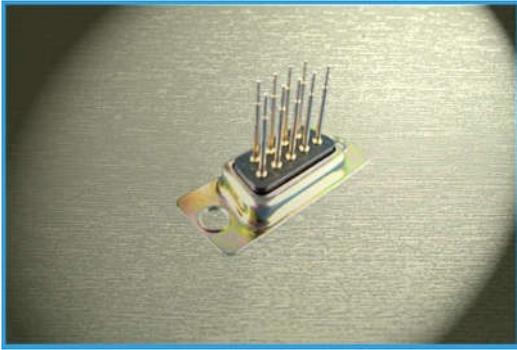
Fully compliant with USB2.0 specs.
 Compact and lightweight design for portable devices
 Operating up to 480 Mbps
 Packaging tray (optional tape&reel on request)



Poles	Part. No	Type
5	2394R1.90	AB



Poles	Part. No.	Type
5	2394R2.90	BB



SPECIFICATIONS

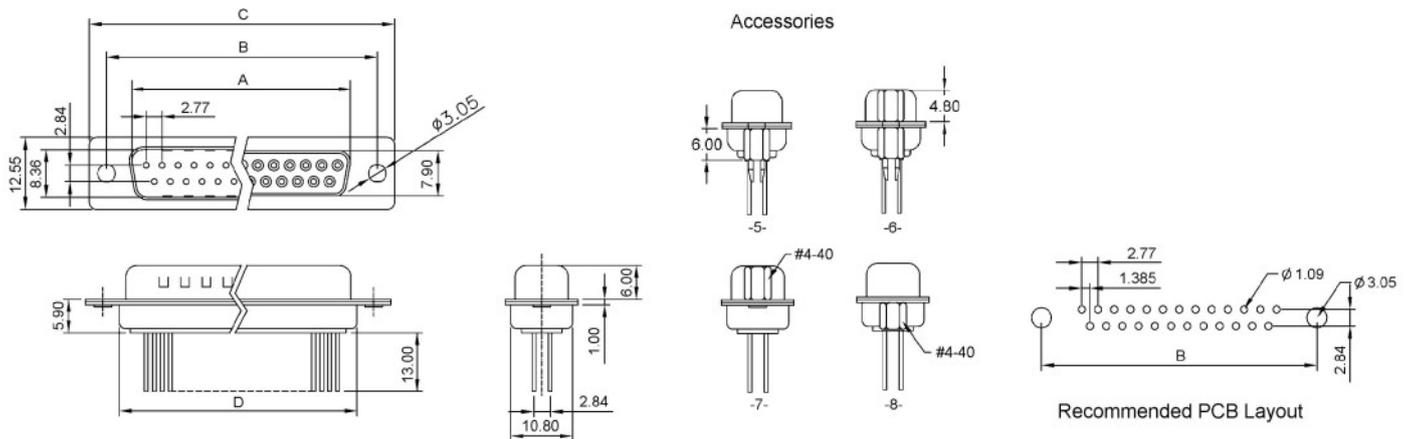
Current Rating: 5A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: Gold over Nickel
 Shell: Steel tin plated

FEATURES

Size 9 to 50 poles
 Packaging tray

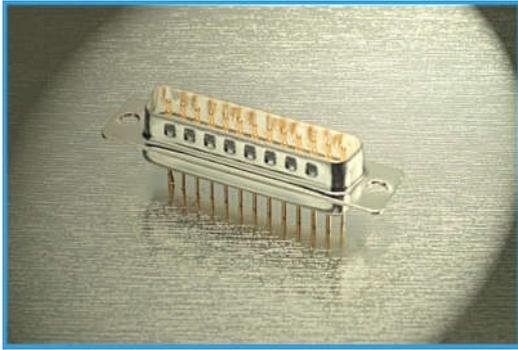


Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
Machined Pin						
9	8430C9P10-*	8430C9S10-*	16,92 / 16,30	25,00	30,80	19,20
15	843015P10-*	843015S10-*	25,25 / 24,60	33,30	39,20	27,70
25	843025P10-*	843025S10-*	38,96 / 38,30	47,10	53,10	41,10
37	843037P10-*	843037S10-*	55,42 / 54,80	63,50	69,40	57,30
50	843050P10-*	843050S10-*	52,81 / 52,20	61,00	67,00	55,10
Stamped Pin						
9	8430C9P10-S*	8430C9S10-S*	16,92 / 16,30	25,00	30,80	19,20
15	843015P10-S*	843015S10-S*	25,25 / 24,60	33,30	39,20	27,70
25	843025P10-S*	843025S10-S*	38,96 / 38,30	47,10	53,10	41,10
37	843037P10-S*	843037S10-S*	55,42 / 54,80	63,50	69,40	57,30
50	843050P10-S*	843050S10-S*	52,81 / 52,20	61,00	67,00	55,10

*=Select the requested accessories .

I/O CONNECTORS

D-Sub connectors - D-Sub PCB THT 180°



SPECIFICATIONS

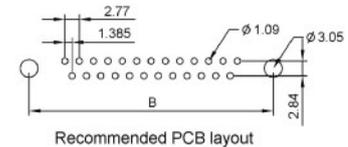
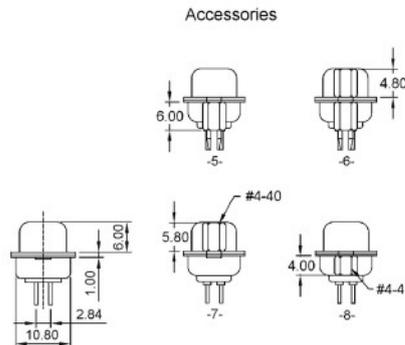
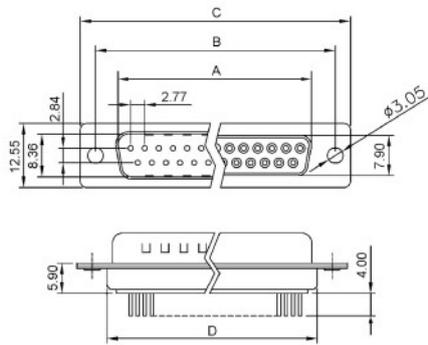
Current Rating: 5A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: G.F. PBT UL94V-0
 Contact: Copper alloy
 Plating: gold over nickel
 Shell: Steel tin plated

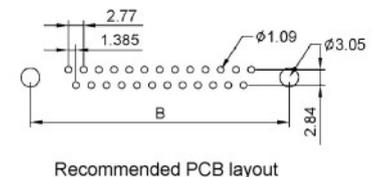
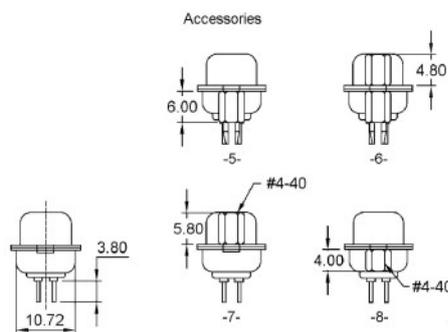
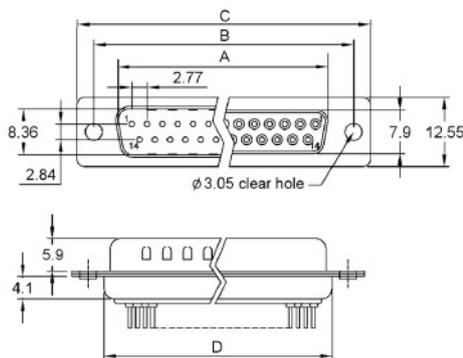
FEATURES

Size 9 to 50 poles
 Suitable for 1.57mm thick PCB
 Packaging tray



Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
Machined Pin						
9	843009P20-*	843009S20-*	16.92 / 16.30	25.00	30.80	19.20
15	843015P20-*	843015S20-*	25.25 / 24.60	33.30	39.20	27.70
25	843025P20-*	843025S20-*	38.96 / 38.30	47.00	53.10	41.10
37	843037P20-*	843037S20-*	55.42 / 54.80	63.50	69.40	57.30
50	843050P20-*	843050S20-*	52.84 / 52.50	61.00	67.00	55.10

*=Select the requested accessories .

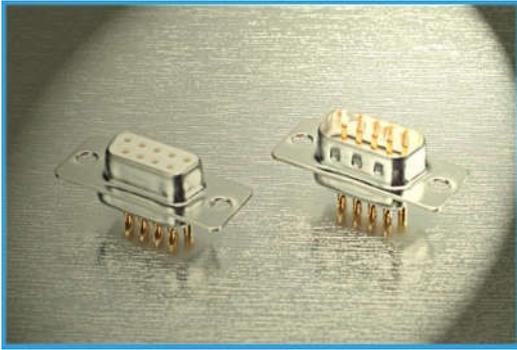


Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
Stamped Pin						
9	843009P20-S*	843009S20-S*	16.92 / 16.30	25.00	30.80	19.20
15	843015P20-S*	843015S20-S*	25.25 / 24.60	33.30	39.20	27.70
25	843025P20-S*	843025S20-S*	38.96 / 39.30	47.00	53.10	41.10
37	843037P20-S*	843037S20-S*	55.42 / 54.80	63.50	69.40	57.30
50	843050P20-S*	843050S20-S*	52.81 / 52.20	61.00	67.00	55.10

*=Select the requested accessories .

I/O CONNECTORS

D-Sub connectors - D-Sub hand solder



SPECIFICATIONS

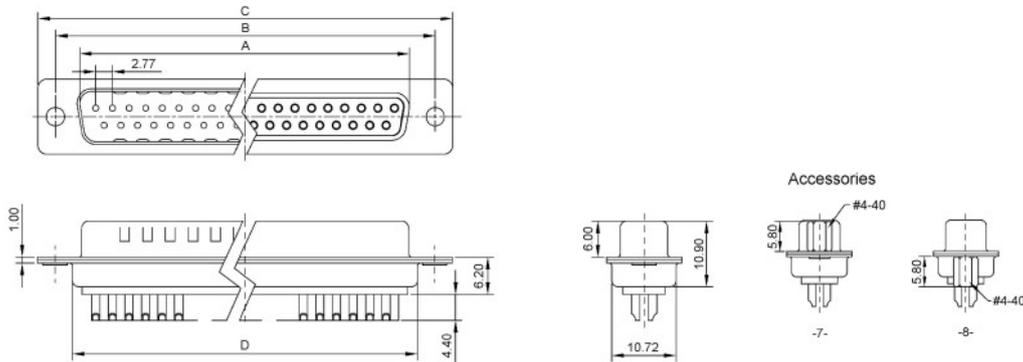
Current Rating: 5A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: gold over nickel
 Shell: Steel tin plated

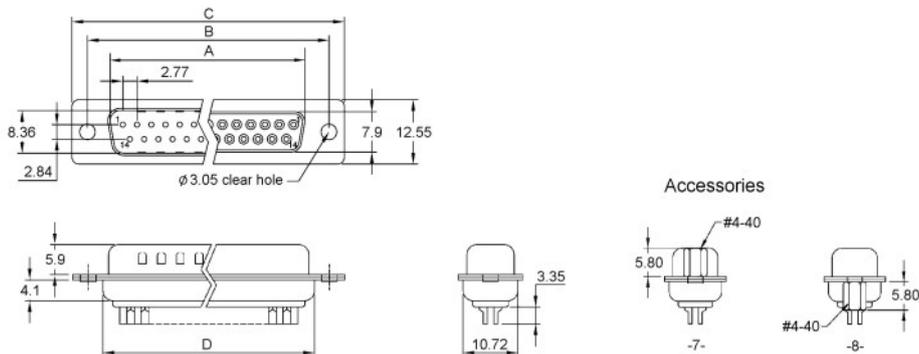
FEATURES

Size 9 to 50 poles
 Packaging tray



Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
Machined Pin						
9	843009P30-S*	843009S30-S*	16.92 / 16.30	25.00	30.80	19.20
15	843015P30-S*	843015S30-S*	25.25 / 24.60	33.30	39.20	27.70
25	843025P30-S*	843025S30-S*	38.96 / 24.60	47.00	63.10	41.10
37	843037P30-S*	843037S30-S*	55.42 / 54.80	63.50	69.40	57.30
50	843050P30-S*	843050S30-S*	52.81 / 52.20	61.00	67.00	55.10

*=Select the requested accessories.

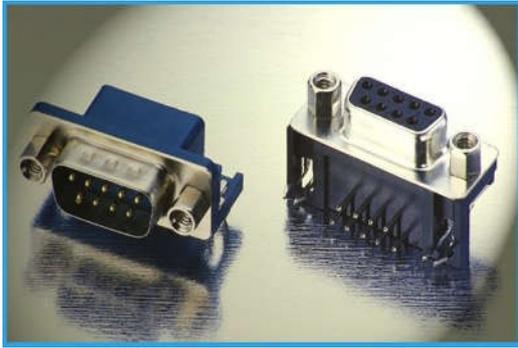


Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
Stamped Pin						
9	843009P30-S*	843009S30-S*	16.92 / 16.30	25.00	30.80	19.20
15	843015P30-S*	843015S30-S*	25.25 / 24.60	33.30	39.20	27.70
25	843025P30-S*	843025S30-S*	38.96 / 39.30	47.00	53.10	41.10
37	843037P30-S*	843037S30-S*	55.42 / 54.80	63.50	69.40	57.30
50	843050P30-S*	843050S30-S*	52.81 / 52.20	61.00	67.00	55.10

*=Select the requested accessories .

I/O CONNECTORS

D-Sub connectors - D-Sub PCB THT 90°



SPECIFICATIONS

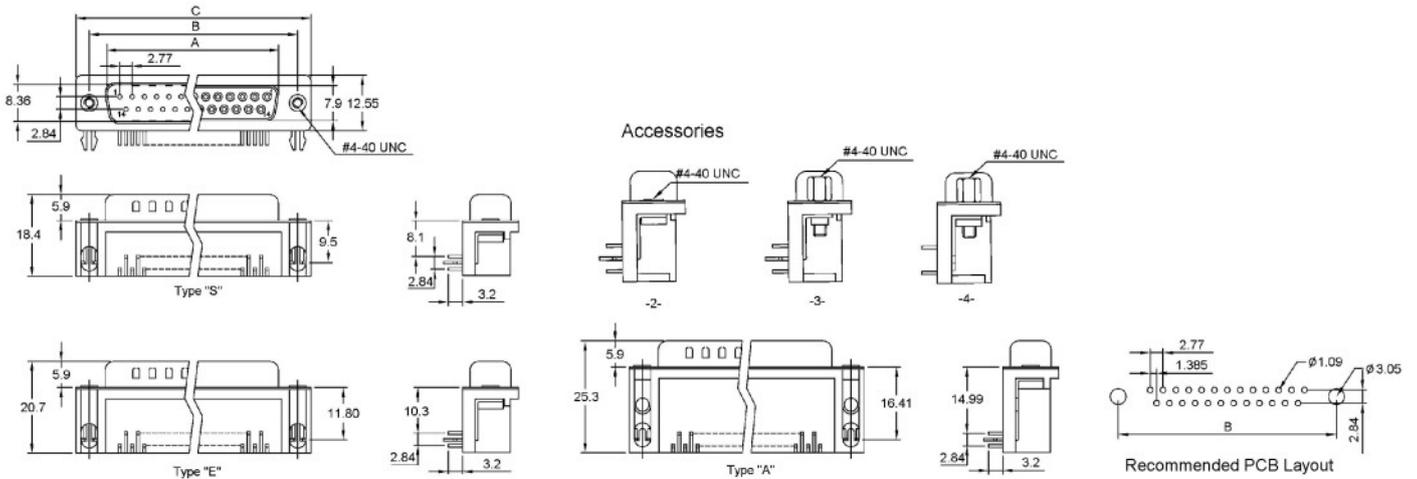
Current Rating: 5A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

FEATURES

Size 9 to 37 poles
 Packaging tray
 Suitable for 1.57mm thick PCB

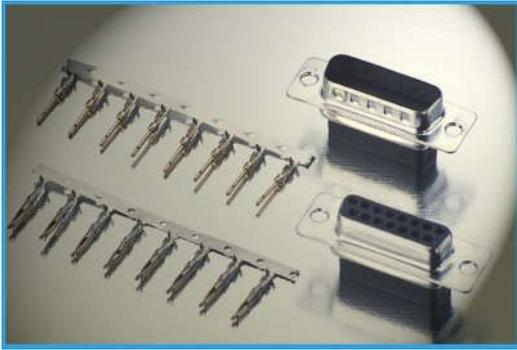
MATERIAL

Insulator: G.F. PBT UL94V-0
 Contact: Copper alloy
 Plating: gold over nickel
 Shell: Steel tin plated



Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)
Type S					
9	843039P90SxS	843009S90SxS	16,92 / 16,30	25,00	30,80
15	843015P90SxS	843015S90SxS	25,25 / 24,60	33,30	39,20
25	843025P90SxS	843025S90SxS	38,86 / 38,30	47,10	53,10
37	843037P90SxS	843037S90SxS	55,22 / 54,80	63,50	69,40
Type E					
9	843039P90ExS	843009S90ExS	16,92 / 16,30	25,00	30,80
15	843015P90ExS	843015S90ExS	25,25 / 24,60	33,30	39,20
25	843025P90ExS	843025S90ExS	38,86 / 38,30	47,10	53,10
37	843037P90ExS	843037S90ExS	55,22 / 54,80	63,50	69,40
Type A					
9	843039P90AxS	843009S90AxS	16,92 / 16,30	25,00	30,80
15	843015P90AxS	843015S90AxS	25,25 / 24,60	33,30	39,20
25	843025P90AxS	843025S90AxS	38,86 / 38,30	47,10	53,10
37	843037P90AxS	843037S90AxS	55,22 / 54,80	63,50	69,40

X= Select the requested accessories.



SPECIFICATIONS

Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.
 Current Rating: 3A

HOUSING

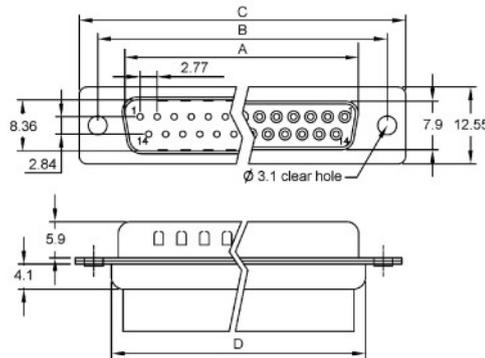
Insulator: G.F. PBT, UL94V-0
 Shell: Steel Tin plated

TERMINAL

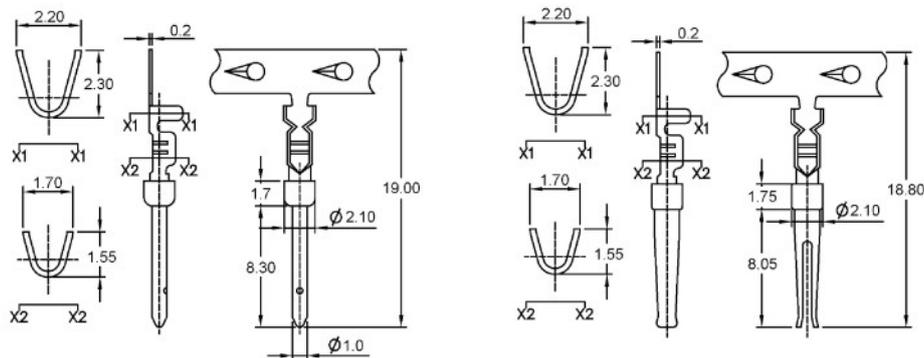
Applicable wires: AWG 24 ~ 26
 Material (male): Brass
 Material (female): Phosphor bronze
 Finish: Selective Gold or Nickel
 Packaging : Reel

FEATURES

Size 9 to 50 poles
 Suitable for discret wires AWG 24 ~ 26
 Packaging tray



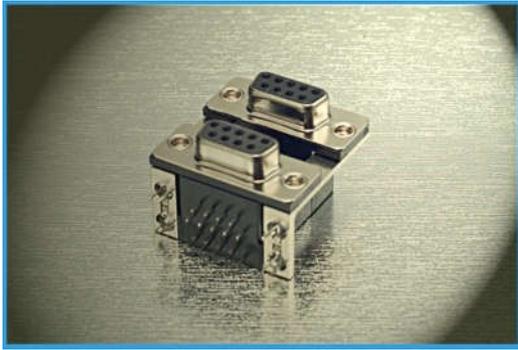
Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D(mm)
9	843009P60	843009S60	16.30 / 16.92	25.00	30.80	19.20
15	843015P60	843015S60	24.60 / 25.25	33.30	39.20	27.70
25	843025P60	843025S60	38.30 / 38.96	47.10	53.10	41.10
37	843037P60	843037S60	54.80 / 55.42	63.50	69.40	57.30
50	843050P60	843050S60	52.20 / 52.81	61.00	67.00	55.10



Type	Part. No	Material	Finish	Q.ty
Male	84P690	Brass	Au sel.	10000pcs/reel
Female	84S690	Phos ₂ bronze	Au sel	10000pcs/reel

I/O CONNECTORS

D-Sub connectors - D-Sub Dual Port



SPECIFICATIONS

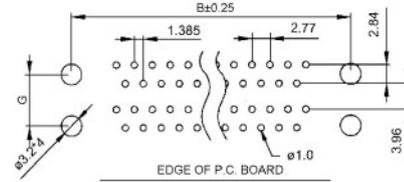
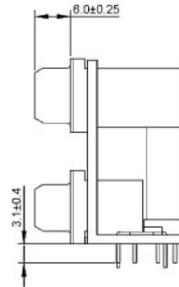
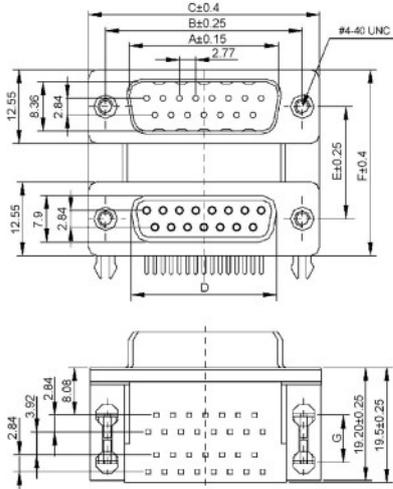
Current Rating: 5 A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

MATERIAL

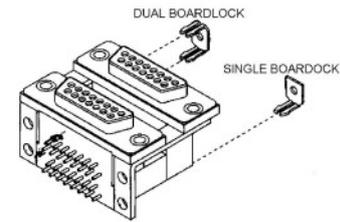
Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Steel tin plated

FEATURES

Size 9 to 37 poles
 Suitable for 1,57mm thick PCB
 Packaging tray



Recommended PCB Layout



Port Spacing	M/M	M/F	F/M	F/F	E (mm)	F (mm)	G (mm)
15.88	8430xxA906*SA	8430xxB906*SA	8430xxC906*SA	8430xxD906*SA	15.88	28.40	6.80
15.88	8430xxA907*SA	8430xxB907*SA	8430xxC907*SA	8430xxD907*SA	15.88	28.40	7.90
19.05	8430xxA906*SB	8430xxB906*SB	8430xxC906*SB	8430xxD906*SB	19.05	31.60	6.90
19.05	8430xxA907*SB	8430xxB907*SB	8430xxC907*SB	8430xxD907*SB	19.05	31.60	7.90
22.86	8430xxA906*SC	8430xxB906*SC	8430xxC906*SC	8430xxD906*SC	22.86	35.40	6.90
22.86	8430xxA907*SC	8430xxB907*SC	8430xxC907*CB	8430xxD907*SC	22.86	35.40	7.90

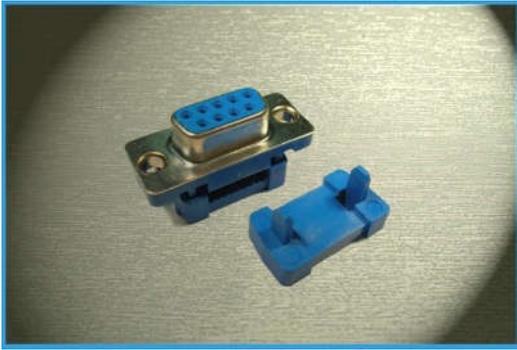
xx=contact nr.

01=09/HD15	03=09.25	06=25.09+09	08=15/RCA*3	15=15.15	37=37.37
02=25/C9	04=15.25	07=25.09+HD15	09=09.09	25=25.25	50=50.50

*=Process opt.

A=Dual Boardlock B=L-Shape C=Single Boardlock

	A (mm)	B (mm)	C (mm)	D (mm)
09 poles	16.92	25.00	33.80	16.30
15 poles	25.25	33.30	33.20	24.60
25 poles	38.96	47.10	53.10	38.30
37 poles	55.42	63.50	69.40	54.80



SPECIFICATIONS

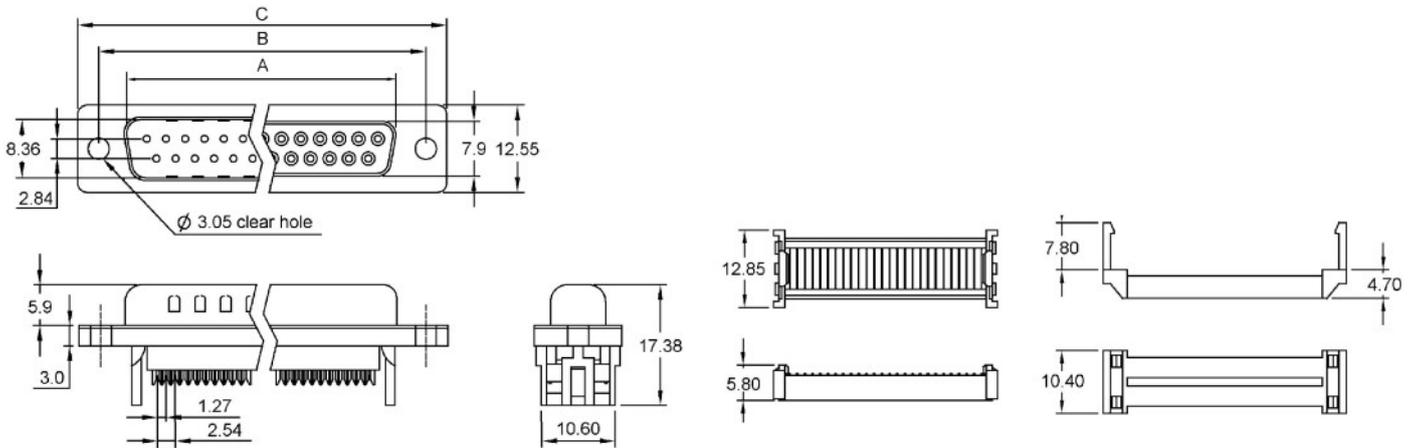
Current Rating: 1 A
 Withstanding Voltage: 1000V AC/minute
 Contact Resistance: 20 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -55°C ~ +125°C

MATERIALS

Insulator: G.F. PBT, UL 94V-0
 Shell: Steel, Tin plated
 Contact: Copper alloy
 Plating: Plating

FEATURES

Size 9 to 50 poles
 Suitable for 1.27 mm ribbon cable, AWG 28
 Packaging tray



Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)
9	843009P81-B	843009S81-B	16,90 / 16,30	25,00	30,90
15	843015P81-B	843015S81-B	25,20 / 24,60	33,30	39,10
25	843025P81-B	843025S81-B	38,90 / 38,40	47,10	53,10
37	843037P81-B	843037S81-B	55,50 / 58,90	63,50	69,40
50	843050P81-B	843050S81-B	52,80 / 52,20	61,00	74,00

For Thread rivet 4/40 UNC option, please indicate the Part.No. without "-B"

I/O CONNECTORS

D-Sub connectors - High density D-Sub hand solder



SPECIFICATIONS

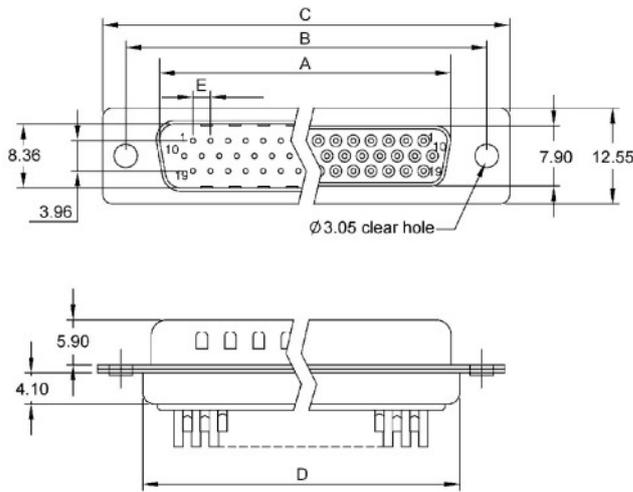
Current Rating: 3A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIALS

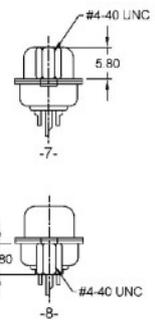
Insulator: G.F. PBT UL94V-0
 Contact: Copper alloy
 Plating: Selective gold over nickel
 Shell: Steel tin plated

FEATURES

Size 15 to 78 poles
 Packaging tray

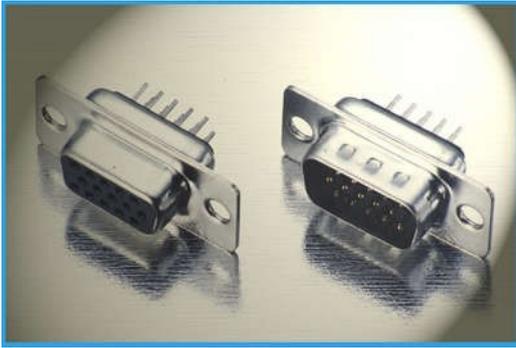


Accessories



Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D(mm)	E (mm)
15	893015P30-S*	893015S30-S*	16,92 / 16,30	25,00	30,80	19,20	2,29
26	893026P30-S*	893026S30-S*	25,25 / 24,60	33,30	39,20	27,70	2,29
44	893044P30-S*	893044S30-S*	38,96 / 38,30	47,10	53,10	41,10	2,29
62	893062P30-S*	893062S30-S*	55,42 / 54,60	63,50	69,40	57,30	2,29
78	893078P30-S*	893078S30-S*	52,81 / 52,20	61,00	67,00	55,10	2,21

*=Select the requested accessories .



SPECIFICATIONS

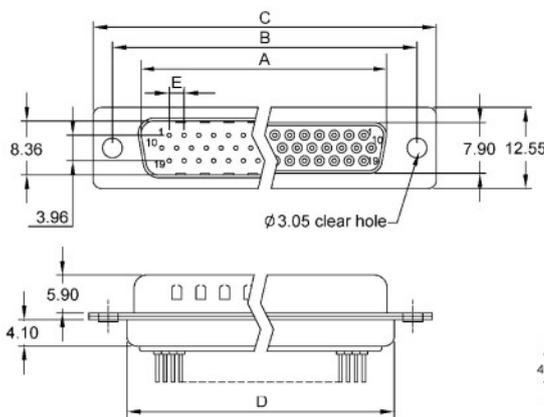
Current Rating: 3 A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIALS

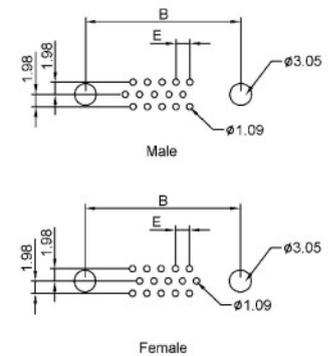
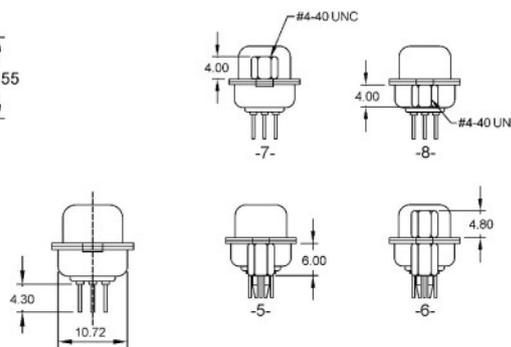
Insulator: G.F. PBT UL94V-0
 Contact: Copper alloy
 Plating: Selective gold over nickel
 Shell: Steel tin plated

FEATURES

Size 15 to 78 poles
 Suitable for 1.57mm thick PCB
 Packaging tray



Accessories



Recommended PCB Layout

Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D(mm)	E (mm)
15	893015P20-S*	893015S20-S*	16,92 / 16,30	25,00	30,80	19,20	2,29
26	893026P20-S*	893026S20-S*	25,25 / 24,60	33,30	39,20	27,70	2,29
44	893044P20-S*	893044S20-S*	38,96 / 38,30	47,10	53,10	41,10	2,29
62	893062P20-S*	893062S20-S*	55,42 / 54,60	63,50	69,40	57,30	2,29
78	893078P20-S*	893078S20-S*	52,81 / 52,20	61,00	67,00	55,10	2,21

*=Select the requested accessories .

I/O CONNECTORS

D-Sub connectors - High density D-Sub PCB THT 90°



SPECIFICATIONS

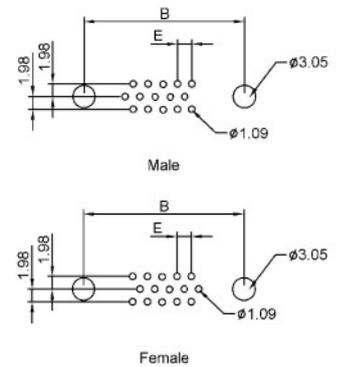
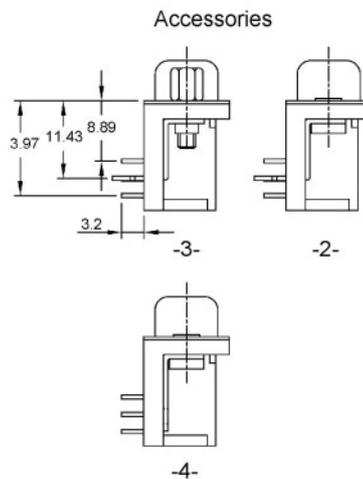
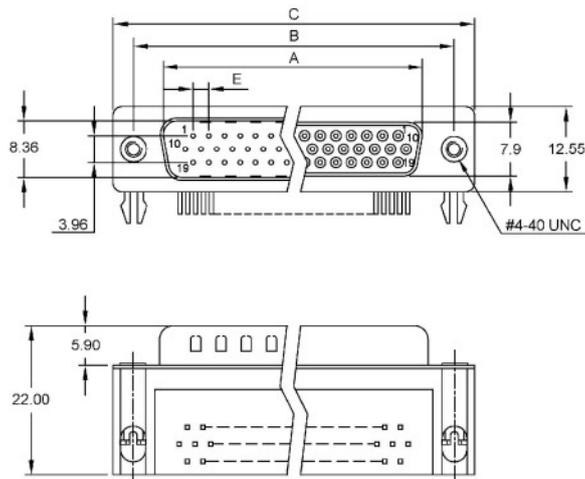
Current Rating: 3A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Steel Tin plated

FEATURES

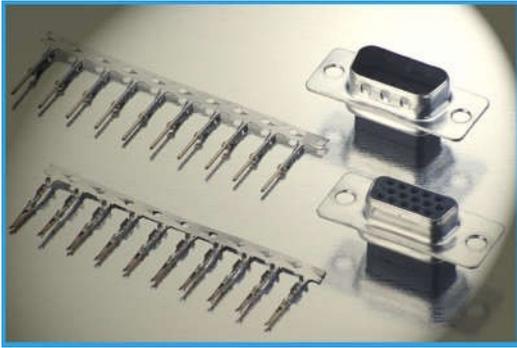
Size 15 to 78 poles
 Suitable for 1.57mm thick PCB
 Packaging tray



Recommended PCB Layout

Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	E (mm)
15	893015P90*	893015S90*	16.92 / 16.30	25.00	30.80	2.29
26	893026P90*	893026S90*	25.25 / 24.60	33.30	39.20	2.29
44	893044P90*	893044S90*	38.96 / 38.30	47.10	53.10	2.29
62	893062P90*	893062S90*	55.42 / 54.60	63.50	69.40	2.29
78	893078P90*	893078S90*	52.81 / 52.20	61.00	67.00	2.41

*=Select the requested accessories .



SPECIFICATIONS

Current Rating: 3A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 20 mΩ max.

HOUSING

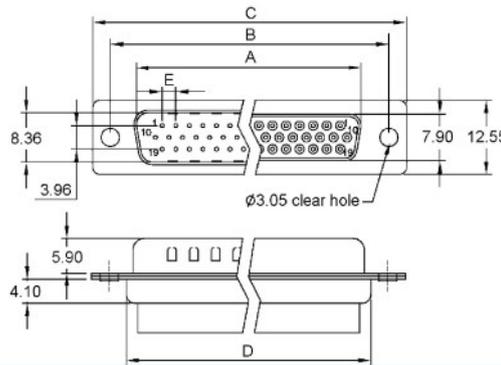
Insulator: G.F. PBT, UL94V-0
 Shell: Steel tin plated

TERMINAL

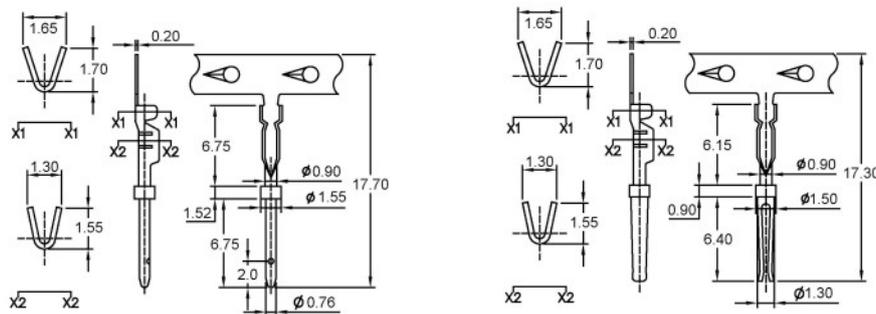
Applicable wires: AWG 26 ~ 30
 Material (male): Brass
 Material (female): Phosphor bronze
 Finish: Selective gold or nickel
 Q.ty: 10000 pcs/reel

FEATURES

Size 15 to 78 poles
 Suitable for discret wires AWG 26 ~ 30
 Packaging tray



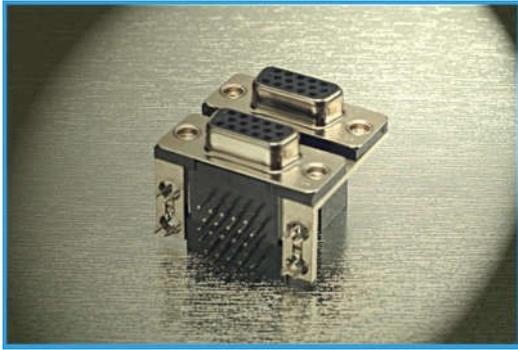
Poles	P/N Male	P/N Female	A (M/F)	B (mm)	C (mm)	D(mm)	E (mm)
15	893015P60	893015S60	16,92 / 16,30	25,00	30,80	19,20	2,29
26	893026P60	893026S60	25,25 / 24,60	33,30	39,20	27,70	2,29
44	893044P60	893044S60	38,96 / 38,30	47,10	53,10	41,10	2,29
62	893062P60	893062S60	55,42 / 54,80	63,50	69,40	57,30	2,29
78	893078P60	893078S60	52,81 / 52,20	61,00	67,00	55,10	2,41



Type	Part. No.	Q.ty
Male	89P690	10000 pcs/reel
Female	89S690	10000 pcs/reel

I/O CONNECTORS

D-Sub connectors - High density D-Sub Dual Port



SPECIFICATIONS

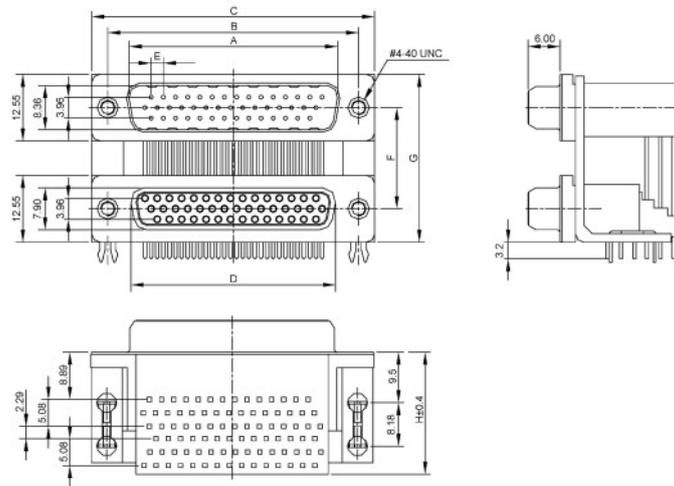
Current Rating: 3 A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Steel tin plated

FEATURES

Size 15 to 62 poles
 Suitable for 1.57mm thick PCB
 Packaging tray



Port Spacing	M/M	M/F	F/M	F/F	F (mm)	G (mm)	H (mm)
15,88	8930xxA907ASA	8930xxB907ASA	8930xxC907ASA	8930xxD907ASA	15,88	28,40	22,70
19,05	8930xxA907ASB	8930xxB907ASB	8930xxC907ASB	8930xxD907ASB	19,05	31,60	23,00
22,86	8930xxA907ASC	8930xxB907ASC	8930xxC907ASC	8930xxD907ASC	22,86	35,40	23,00

xx=contact nr.

15=15/15	44=44/44
26=26/26	62=62/62

	A (mm) M/F	B (mm)	C (mm)	E (mm)
15 p	16,92/16,33	25,00	30,80	2,29
26 p	25,50/24,66	33,30	38,15	2,29
44 p	38,96/38,38	47,05	53,05	2,29
62 p	55,42/54,84	63,50	96,30	2,41

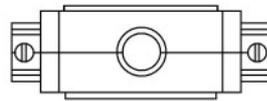
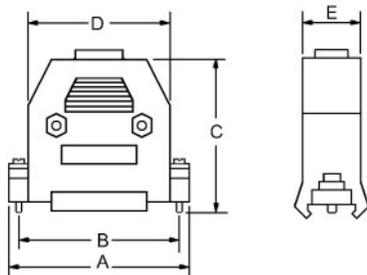


HOOD

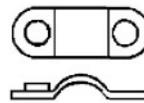
Body (plastic): ABS, UL94V-HB
 Colour: Grey or metalized
 Screw/Nuts: Steel, Nickel plated
 Body (metal): Zinc alloy, Nickel plated

FEATURES

Accept Std D-Sub or High density type
 Low cost and easy to use
 Packaging bag



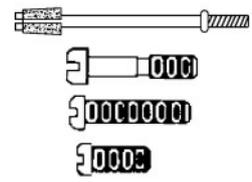
RETAINING CLIP



SADDLE WASHER



SHOULDER SCREW

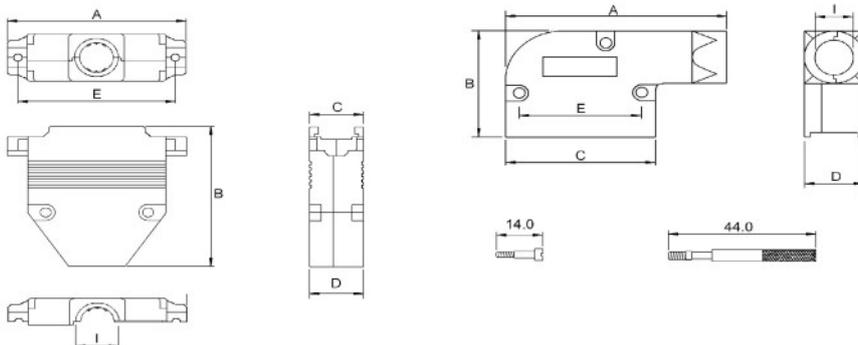


HEX-NUT



Poles	P/N Long screw	P/N Short Screw	A (mm)	B (mm)	C (mm)	D (mm)
9	8490609*	8490509*	31,00	25,00	35,50	16,00
15	8490615*	8490515*	33,00	33,30	39,50	18,00
25	8490625*	8490525*	53,20	47,00	42,00	18,50
37	8490637*	8490537*	72,00	63,50	50,00	20,50

* For cromate finish add. "C" TO the Part. No.



Poles	P/N Short screw	P/N Long screw	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
Straight							
09	8490509M*	8490609M*	31,00	47,00	15,60	15,80	25,00
15	8490515M*	8490615M*	40,00	48,00	15,80	15,80	33,30
25	8490525M*	8490625M*	53,50	48,00	16,00	16,00	47,00
37	8490537M*	8490637M*	68,20	48,60	16,00	20,80	63,50
50	8490550M*	8490650M*	67,00	48,40	19,00	24,00	61,00
Right angle							
09	8491009M*		47,00	33,00	31,50	16,00	25,00
15	8491015M*		53,00	33,00	39,50	16,00	33,30
25	8491025M*		72,50	33,00	53,50	16,00	47,00

*Select the requested cable diameter "I" from 6.0 to 18.0 mm.

I/O CONNECTORS

D-Sub connectors - D-Sub accessories



SCREW KIT

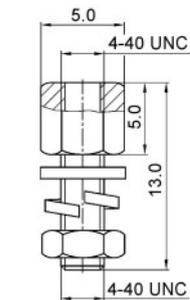
Base: Steel
Plating: Nickel plated

FEATURES

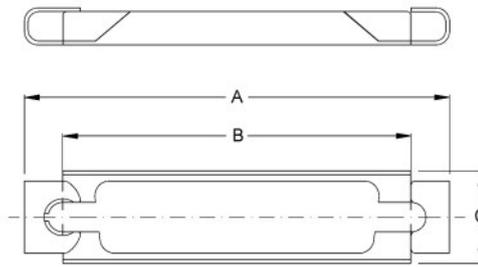
Accept Std D-Sub or High density type
Packaging: bag

DUST COVER

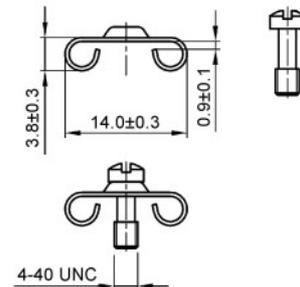
Base: PE
Colour: Transparent



SCREW KIT
1Kit=2 bolts, 4washers,
2 spring washer, 2 nuts.

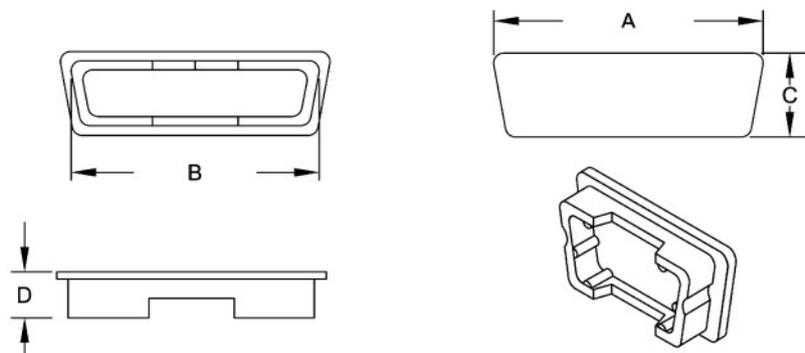


SLIDE LOCK KIT
1Kit=1 slide, 2 screws,
2 spring washers, 2 nuts.



CLAMP KIT
1Kit=2 clames,
2 screws.

Type	Poles	Part. No.	A (mm)	B (mm)	C (mm)
Screw Kit	A	84916	--	--	--
Clamp Kit	A	84917	--	--	--
Slide lock kit	09	8490809	35,00	25,00	12,70
	15	8490815	43,70	33,30	12,70
	25	8490825	57,40	47,00	12,70
	37	8490837	73,90	63,50	12,70
	50	8490850	71,50	61,10	15,50



Poles	P/N Male	P/N Female	A (M/F)	B (M/F)	C (M/F)	D (mm)
09	8490809P	8490809S	24.40/22.30	21.10/19.60	14.50/13.00	6.50
15	8490815P	8490815S	32.60/29.80	29.90/28.00	14.50/13.00	6.50
25	8490825P	8490825S	46.00/45.30	43.15/41.50	14.50/13.00	6.50
37	8490837P	8490837S	62.50/61.20	59.70/58.35	14.50/13.00	6.50
50	8490850P	8490850S	57.30/54.50	57.20/54.30	14.00/13.60	6.30



SPECIFICATIONS

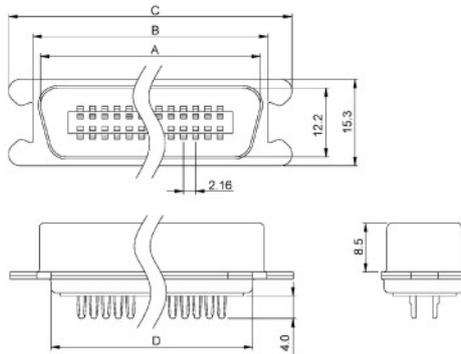
Current Rating: 1 A
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 25 mΩ max.

FEATURES

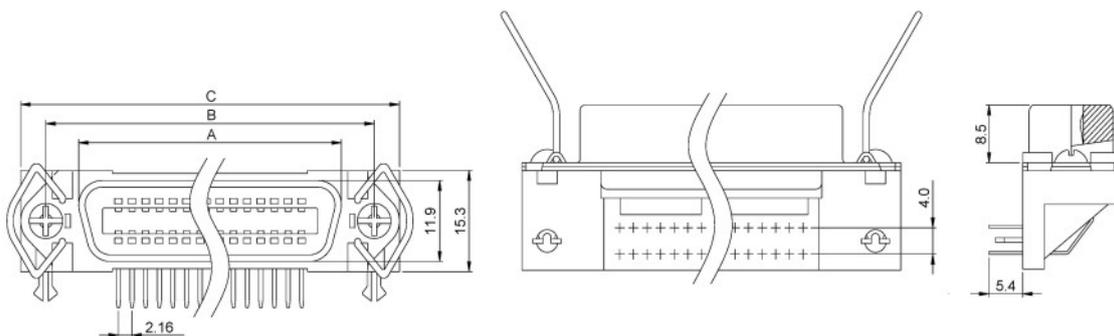
Size 36 poles
 Packaging tray

MATERIAL

Insulator: G.F. PBT UL94V-0
 Contact: Copper alloy
 Shell: Steel nickel plated



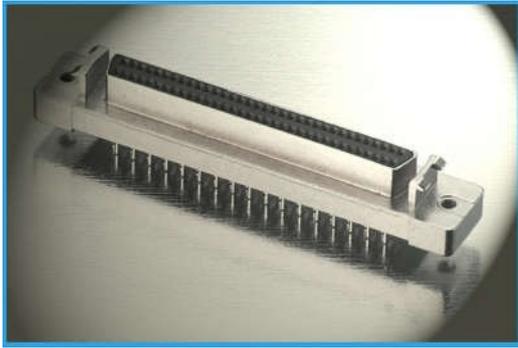
Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
36	893436P30M	49.30	53.50	62.00	45.80



Poles	Part. No.	A (mm)	B (mm)	C (mm)
36	893436S90S3S	48.90	53.70	67.70

I/O CONNECTORS

SCSI/Centronic connectors - SCSI-II D-Sub sockets THT



SPECIFICATIONS

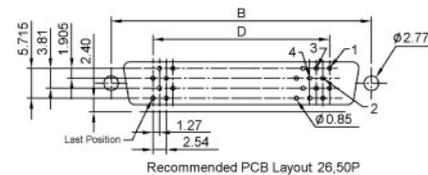
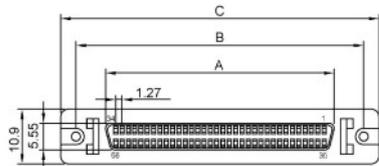
Current Rating: 1 A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 250V AC
 Withstanding Voltage: 500V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 35 mΩ max.

MATERIALS

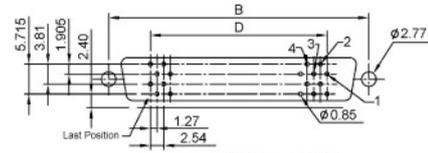
Insulator: G.F. PBT, UL94V-0. Thermoplastic polyester
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Zinc alloy, Nickel plated

FEATURES

Size 26, 50, 68 poles
 Suitable for 1,57mm thick PCB
 Conforming to SCSI requirements
 Packaging tray

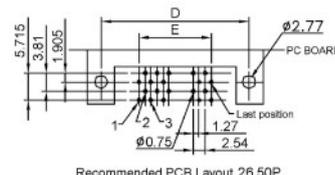
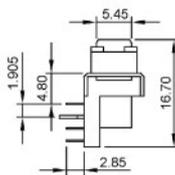
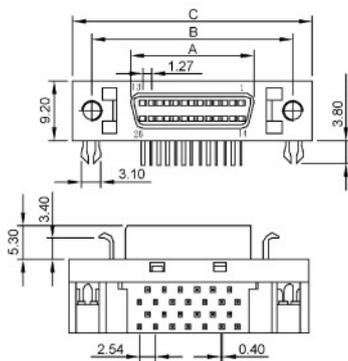


Recommended PCB Layout 26,50P

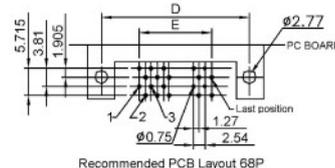


Recommended PCB Layout 68P

Poles	Part. No.	A (mm)	B (mm)	C (mm)	D(mm)
26	803026S20	19,50	31,20	37,20	15,24
50	803050S20	34,70	48,80	52,60	21,59
68	803068S20	46,00	57,90	64,00	41,91



Recommended PCB Layout 26,50P



Recommended PCB Layout 68P

Poles	Part. No	A (mm)	B (mm)	C (mm)
26	803026S90	19,45	31,26	37,19
50	803050S90	34,70	46,5	52,43
68	803068S90	46,13	57,93	63,86