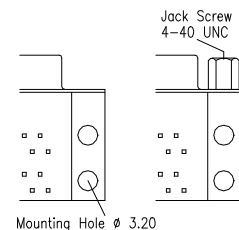
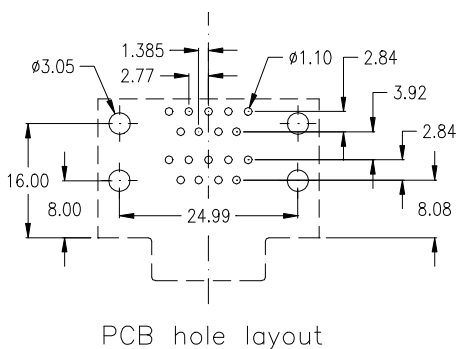
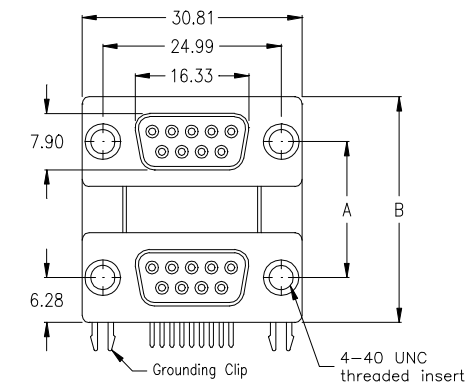
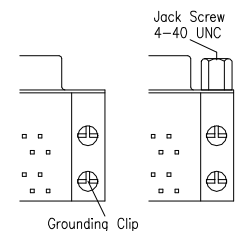
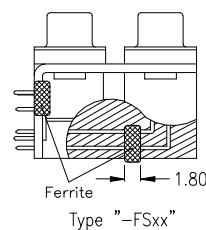
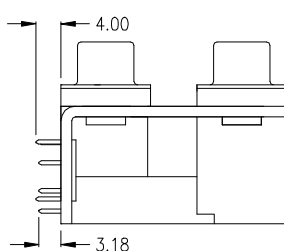
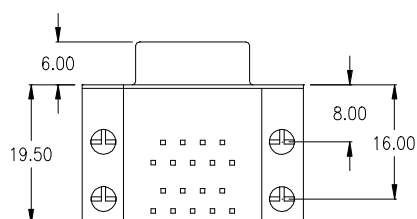


9-pin female / 9-pin female

Style "-F"

Style "-FJ"



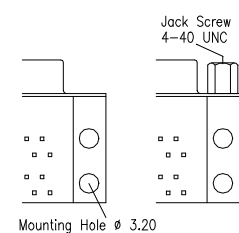
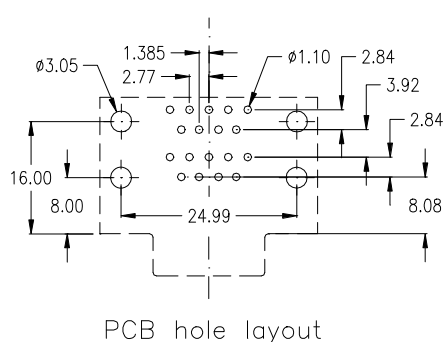
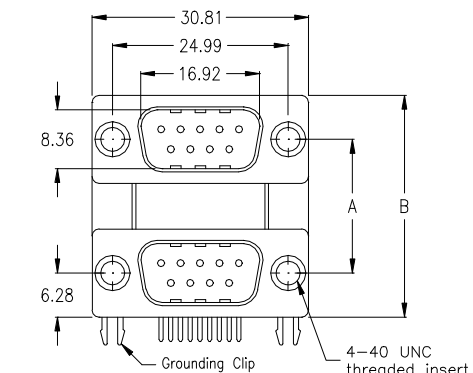
Style "-FN"

Style "-FNJ"

without grounding clips
just 4 mounting holeswithout grounding clips,
just 4 mounting holes;
4 jack screws 4-40 UNC
mountedwith 4 grounding clips
(as above drawing)with 4 grounding clips;
4 jack screws 4-40 UNC
mounted

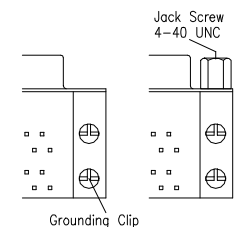
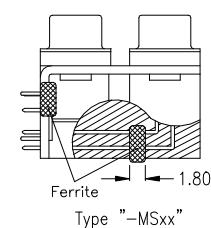
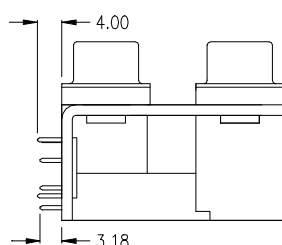
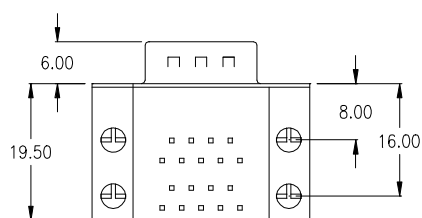
Distance Dimensions

SDD-0909-1-95-F	SDD-0909-1-95-FJ	SDD-0909-1-95-FN	SDD-0909-1-95-FNJ	„A“ = 22.86	„B“ = 35.41
SDD-0909-2-95-F	SDD-0909-2-95-FJ	SDD-0909-2-95-FN	SDD-0909-2-95-FNJ	„A“ = 19.05	„B“ = 31.60
SDD-0909-3-95-F	SDD-0909-3-95-FJ	SDD-0909-3-95-FN	SDD-0909-3-95-FNJ	„A“ = 15.87	„B“ = 28.42
if with Ferrite Filter: -FS	if with Ferrite Filter: -FSJ	if with Ferrite Filter: -FSN	if with Ferrite Filter: -FSNJ		

9-pin male / 9-pin male

Style "-M"

Style "-MJ"



Style "-MN"

Style "-MNJ"

without grounding clips
just 4 mounting holeswithout grounding clips,
just 4 mounting holes;
4 jack screws 4-40 UNC
mountedwith 4 grounding clips
(as above drawing)with 4 grounding clips;
4 jack screws 4-40 UNC
mounted

Distance Dimensions

SDD-0909-1-95-M	SDD-0909-1-95-MJ	SDD-0909-1-95-MN	SDD-0909-1-95-MNJ	„A“ = 22.86	„B“ = 35.41
SDD-0909-2-95-M	SDD-0909-2-95-MJ	SDD-0909-2-95-MN	SDD-0909-2-95-MNJ	„A“ = 19.05	„B“ = 31.60
SDD-0909-3-95-M	SDD-0909-3-95-MJ	SDD-0909-3-95-MN	SDD-0909-3-95-MNJ	„A“ = 15.87	„B“ = 28.42
if with Ferrite Filter: -MS	if with Ferrite Filter: -MSJ	if with Ferrite Filter: -MSN	if with Ferrite Filter: -MSNJ		

mechanical data

Mating force per contact	$\leq 3,4 \text{ N}$
Unmating force per contact	$\geq 0,2 \text{ N}$
Temperature range	-55° C to $+105^{\circ} \text{ C}$
Processing temperature wave solder (solder bath)	$+250^{\circ} \text{ C} \pm 0/-5^{\circ} \text{ C}$ for 10sec.
Processing temperature SMT and "pin in paste"	$+250^{\circ} \text{ C} \pm 0/-5^{\circ} \text{ C}$ for 10sec.
Moisture absorption from air 50% rh	0,10%
IDC Connector types accept AWG 26 or AWG 28 standard wire	

materials and plating (RoHS compliant)

Insulator for wave solder technology, standard black - PC 99 colourful insulator	thermoplastic glassfilled UL 94V - 0 Yellowish brown - Pantone # 131C 15-pos. female Burgundy - Pantone # 235C 25-pos. female Teal - Pantone # 322C 9-pos. male Blue - Pantone # 661C HD 15-pos.
female	
Insulator for SMT and "Pin-In-Paste"	Nylon UL 94V-0
Shell	Steel, Ni plated
Bracket	Brass, tin plated
Male contact - plating	Copper Alloy (Standard; others on request) -95 = solder side Sn; contact side Au over Ni -55 = solder and contact side Au over Ni
Female contact - plating	Copper Alloy (Standard; others on request) -95 = solder side Sn; contact side Au over Ni -55 = solder and contact side Au over Ni -NN = Ni
D-Sub Accessories (page 70) plating	

electrical data

max. Current rating	5 A/25°C 3 A/70°C (High Density types 3A / IDC types 1A)
Operating voltage	250 V
Test voltage between contacts	1000 V / 50/60 Hz / 1 Minute
Test voltage between shell and contacts	1000 V / 50/60 Hz / 1 Minute
Resistance between mated contacts	$< 30 \text{ m } \Omega$
Insulation resistance	$\geq 1000 \text{ M } \Omega$ at 500V DC
Dielectric strength	1000 V AC min. for 1 Minute
Volume resistivity	$10^{16} \text{ } \Omega \text{ cm}$ (ASTM-D 257)

available performance classes

E-tec D-Sub connectors comply with Performance Class 3 (min. 50 contact cycles).

Please contact E-tec first for availability of Performance Class 2 (min. 200 contact cycles) and 1 (min. 500 contact cycles)

D-Sub with Filter (ferrite)

Frequency range	10 - 300 MHz
Impedance	5 MHz - 15 Ω 25 MHz - 30 Ω 100 MHz - 50 Ω 300 MHz - 75 Ω

