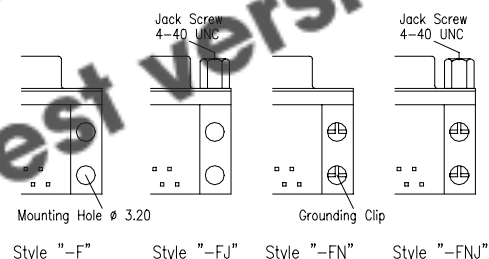
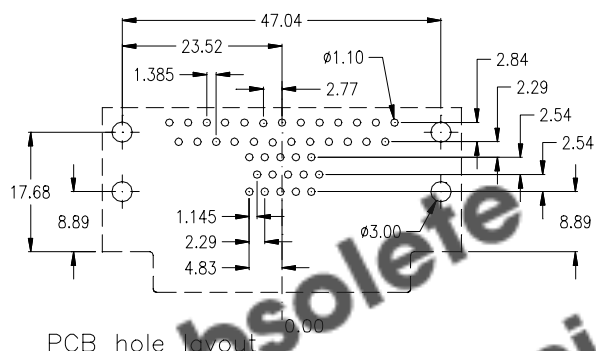
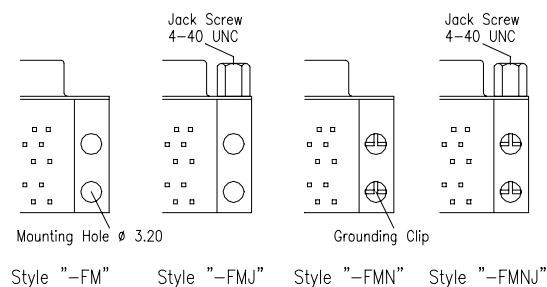
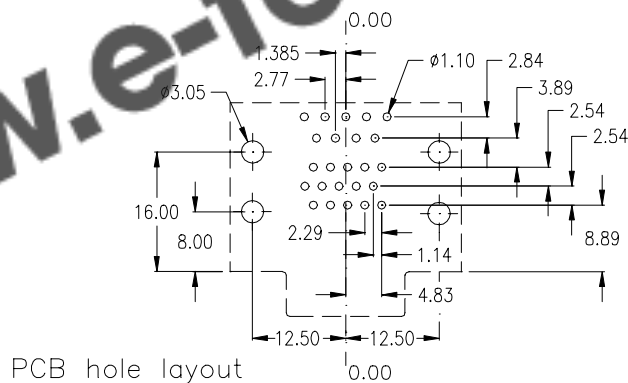


25-pin female / 15-pin HD female



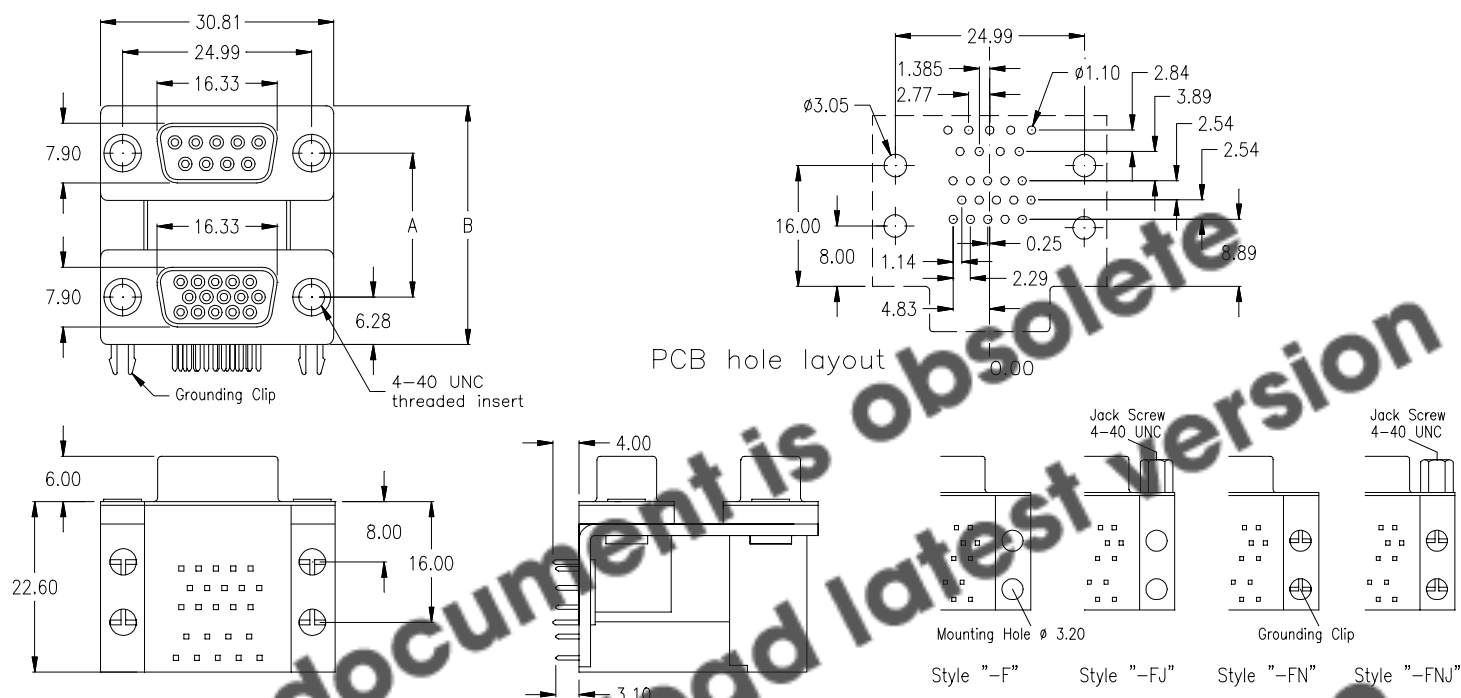
without grounding clips just 4 mounting holes	without grounding clips; just 4 mounting holes; 4 jack screws 4-40 UNC mounted	with 4 grounding clips (as above drawing)	with 4 grounding clips; 4 jack screws 4-40 UNC mounted	Distance Dimensions
SDD-25H15-2-02-F	SDD-25H15-2-02-FJ	SDD-25H15-2-02-FN	SDD-25H15-2-02-FNJ	„A“ = 19.05 „B“ = 31.60

9-pin female / 15-pin HD male



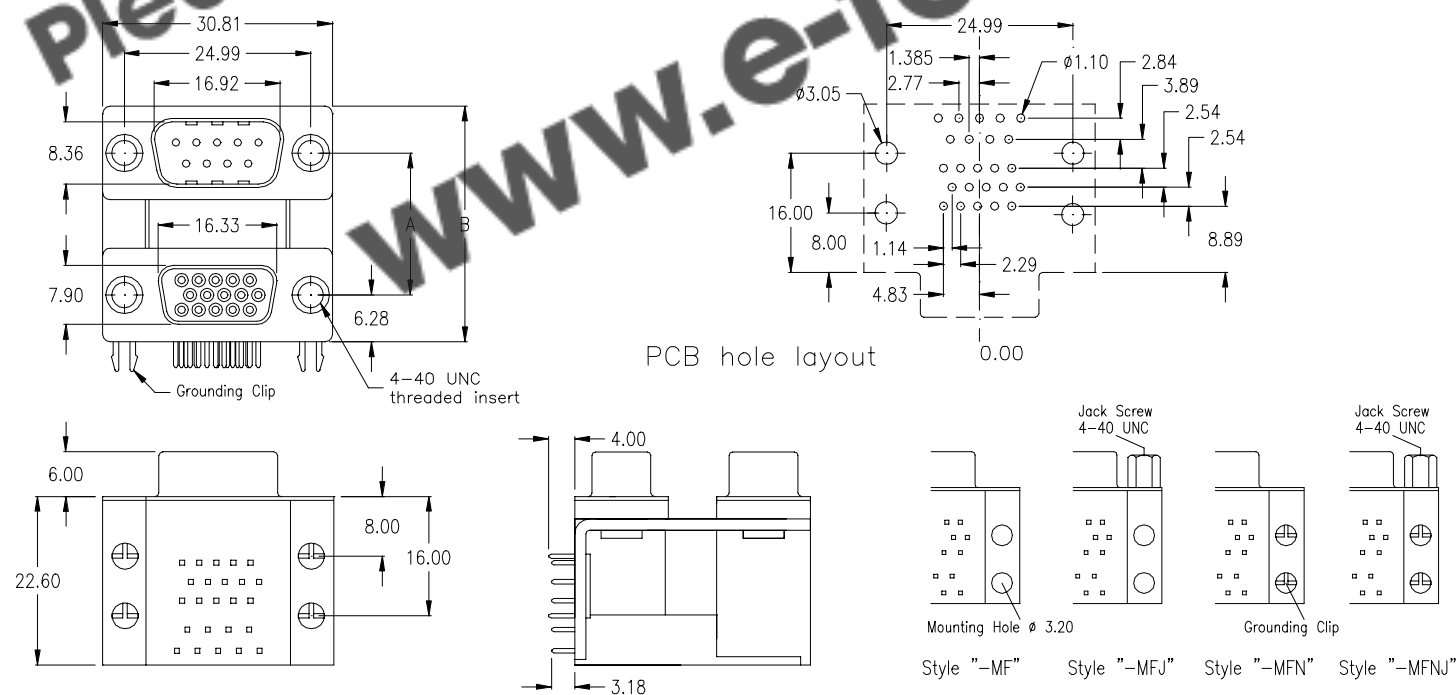
without grounding clips just 4 mounting holes	without grounding clips, just 4 mounting holes; 4 jack screws 4-40 UNC mounted	with 4 grounding clips (as above drawing)	with 4 grounding clips; 4 jack screws 4-40 UNC mounted	Distance Dimensions
SDD-09H15-2-02-FM	SDD-09H15-2-02-FMJ	SDD-09H15-2-02-FMN	SDD-09H15-2-02-FMNJ	„A“ = 19.05 „B“ = 31.60

9-pin female / 15-pin HD female



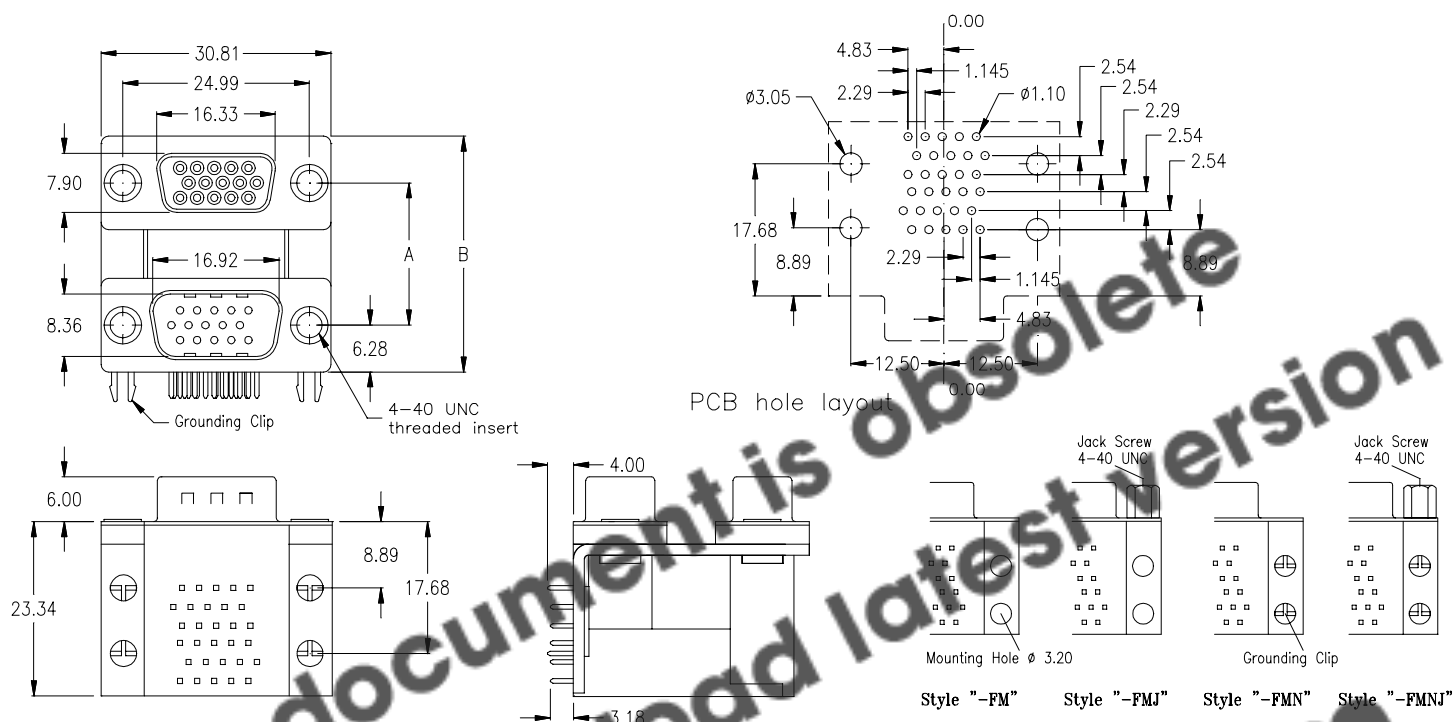
without grounding clips just 4 mounting holes	without grounding clips, just 4 mounting holes; 4 jack screws 4-40 UNC mounted	with 4 grounding clips (as above drawing)	with 4 grounding clips; 4 jack screws 4-40 UNC mounted	Distance Dimensions
SDD-09H15-2-02-F	SDD-09H15-2-02-FJ	SDD-09H15-2-02-FN	SDD-09H15-2-02-FNJ	„A“ = 19.05 „B“ = 31.60

9-pin male / 15-pin HD female



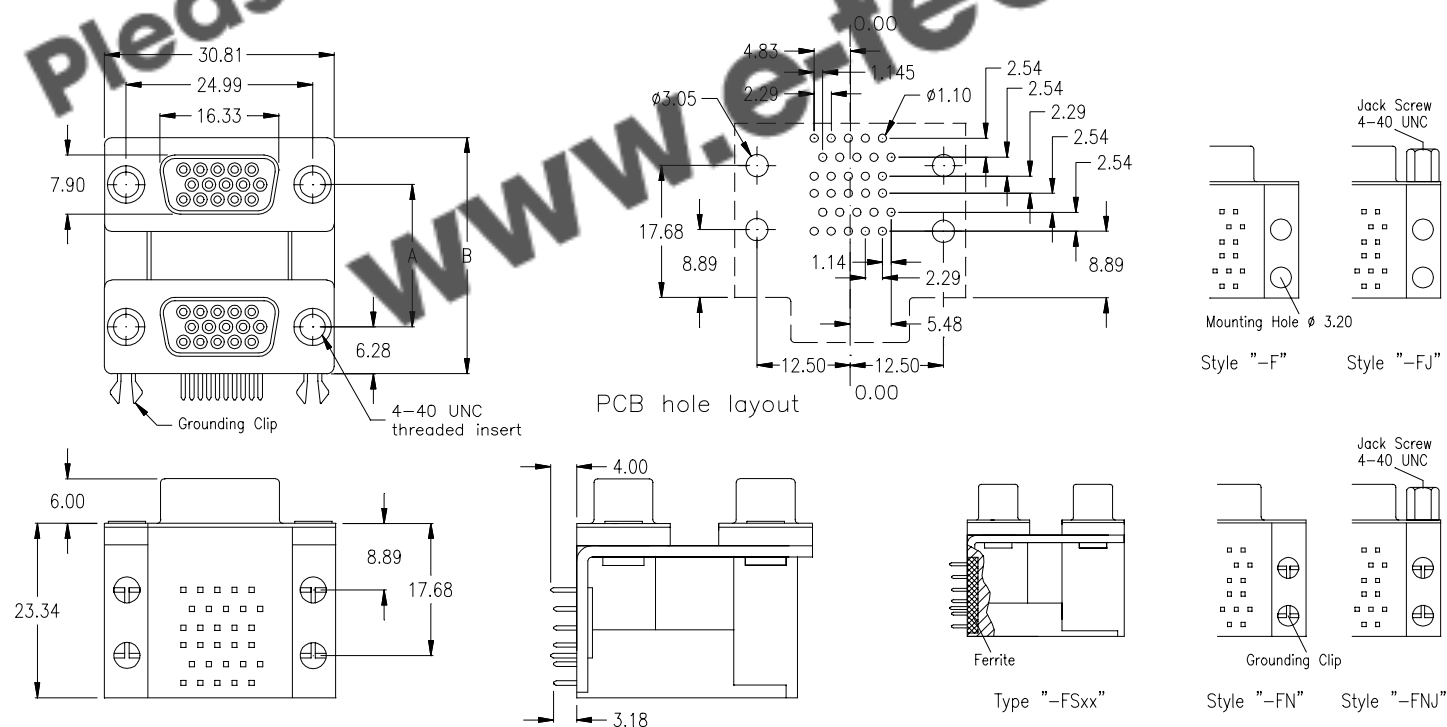
without grounding clips just 4 mounting holes	without grounding clips, just 4 mounting holes; 4 jack screws 4-40 UNC mounted	with 4 grounding clips (as above drawing)	with 4 grounding clips; 4 jack screws 4-40 UNC mounted	Distance Dimensions
SDD-09H15-2-02-MF	SDD-09H15-2-02-MFJ	SDD-09H15-2-02-MFN	SDD-09H15-2-02-MFNJ	„A“ = 19.05 „B“ = 31.60

15-pin HD female / 15-pin HD male



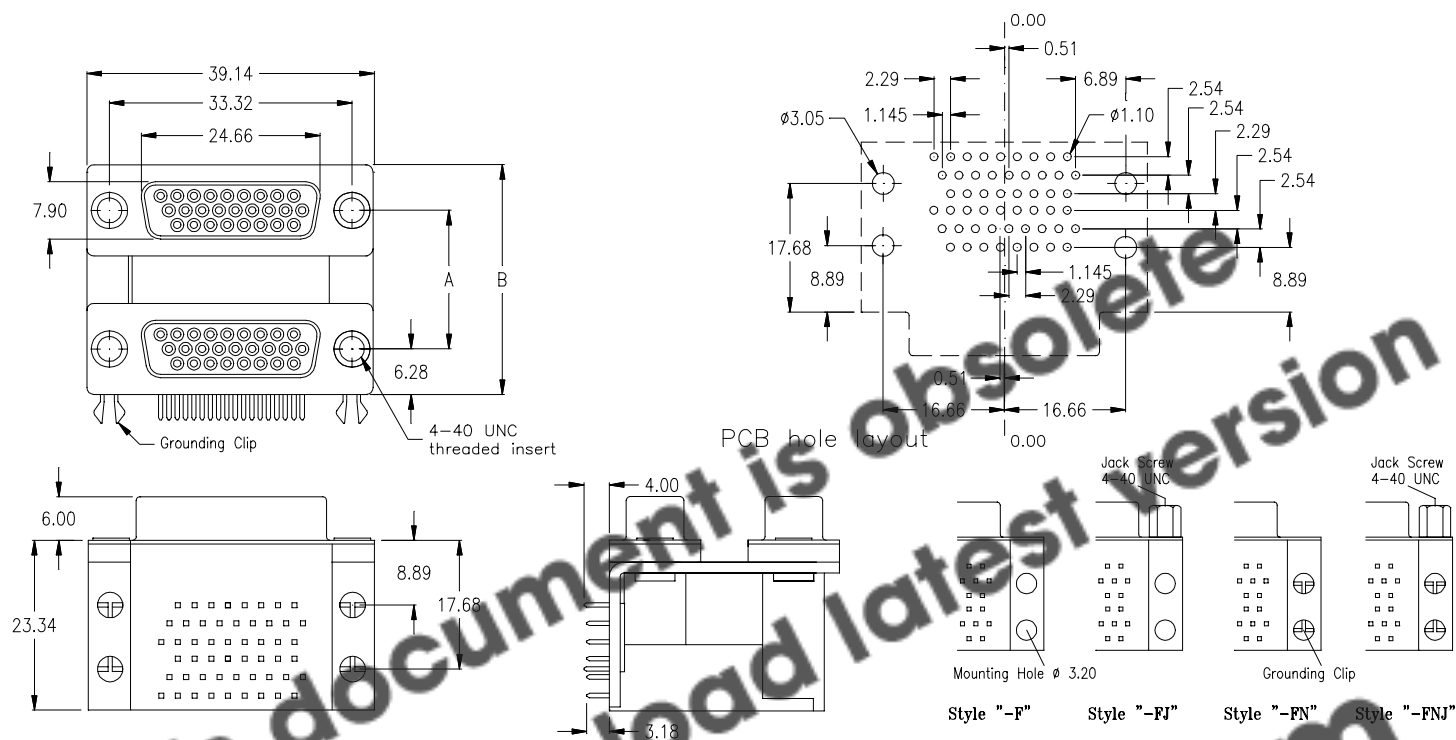
without grounding clips, just 4 mounting holes	without grounding clips, just 4 mounting holes; 4 jack screws 4-40 UNC mounted	with 4 grounding clips (as above drawing)	with 4 grounding clips; 4 jack screws 4-40 UNC mounted	Distance Dimensions
SDD-H15H15-2-02-FM	SDD-H15H15-2-02-FMJ	SDD-H15H15-2-02-FMN	SDD-H15H15-2-02FMNJ	„A“ = 19.05 „B“ = 31.60

15-pin HD female / 15-pin HD female



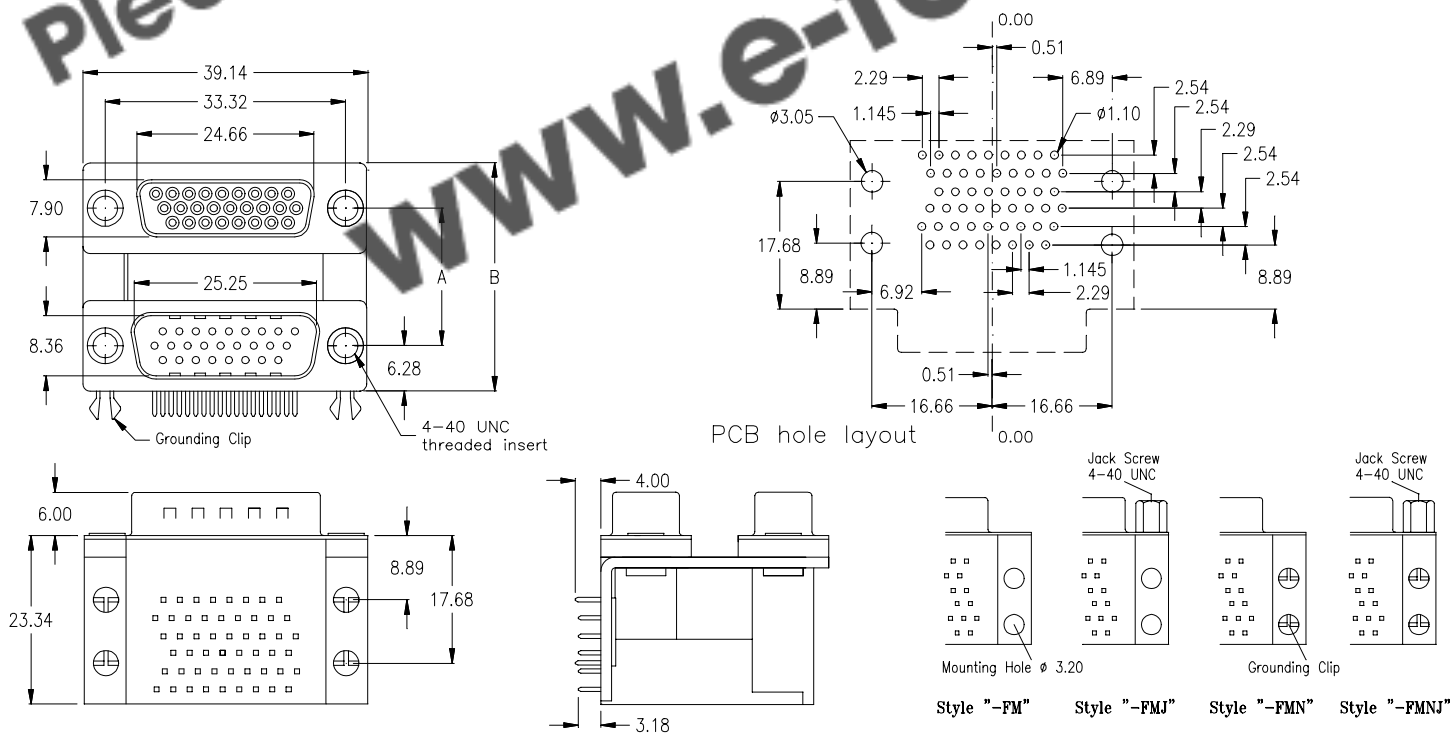
without grounding clips just 4 mounting holes	without grounding clips, just 4 mounting holes; 4 jack screws 4-40 UNC mounted	with 4 grounding clips (as above drawing)	with 4 grounding clips; 4 jack screws 4-40 UNC mounted	Distance Dimensions
SDD-H15H15-2-02-F	SDD-H15H15-2-02-FJ	SDD-H15H15-2-02-FN	SDD-H15H15-2-02-FNJ	„A“ = 19.05
if with Ferrite Filter: -FS	if with Ferrite Filter: -FSJ	if with Ferrite Filter: -FSN	if with Ferrite Filter: -FSNJ	„B“ = 31.60

26-pin HD female / 26-pin HD female



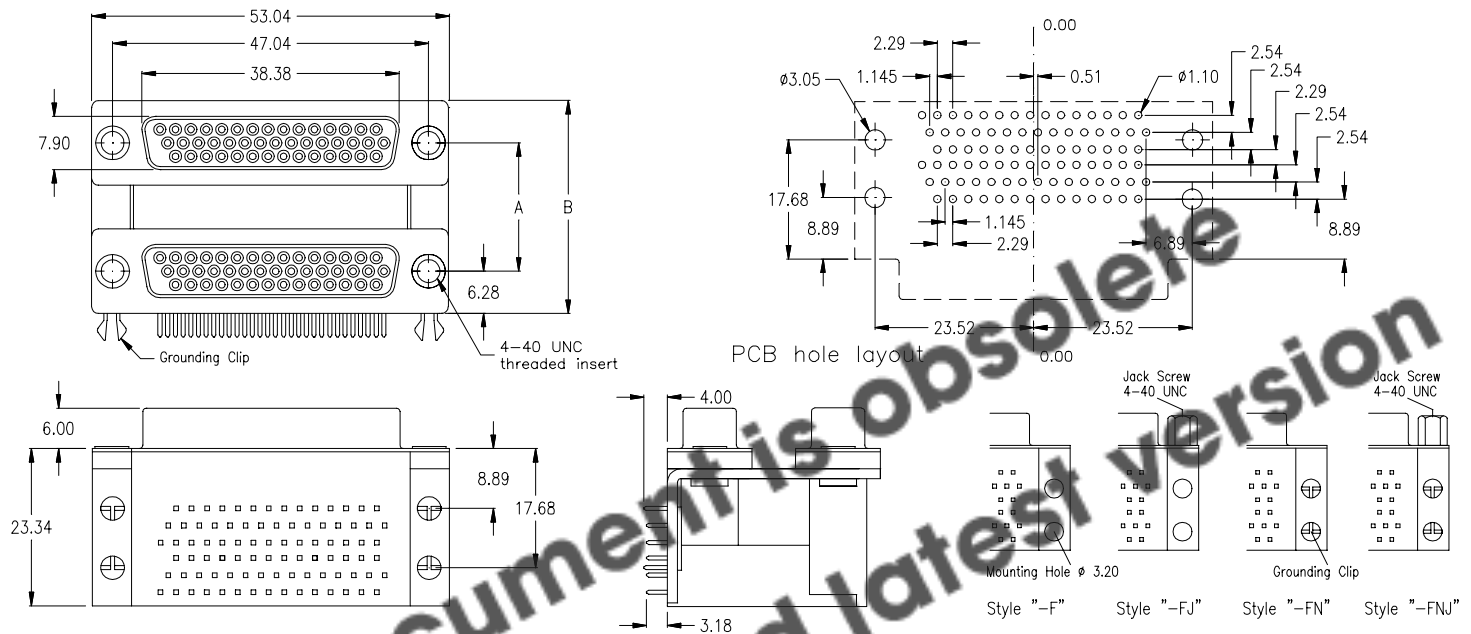
without grounding clips just 4 mounting holes	without grounding clips, just 4 mounting holes; 4 jack screws 4-40 UNC mounted	with 4 grounding clips (as above drawing)	with 4 grounding clips; 4 jack screws 4-40 UNC mounted	Distance Dimensions
SDD-H26H26-2-02-F	SDD-H26H26-2-02-FJ	SDD-H26H26-2-02-FN	SDD-H26H26-2-02-FNJ	„A“ = 19.05 „B“ = 31.60

26-pin HD female / 26-pin HD male



without grounding clips just 4 mounting holes	without grounding clips, just 4 mounting holes; 4 jack screws 4-40 UNC mounted	with 4 grounding clips (as above drawing)	with 4 grounding clips; 4 jack screws 4-40 UNC mounted	Distance Dimensions
SDD-H26H26-2-02-FM	SDD-H26H26-2-02-FMJ	SDD-H26H26-2-02-FMN	SDD-H26H26-2-02-FMNJ	„A“ = 19.05 „B“ = 31.60

44-pin HD female / 44-pin HD female



without grounding clips just 4 mounting holes	without grounding clips; just 4 mounting holes; 4 jack screws 4-40 UNC mounted	with 4 grounding clips (as above drawing)	with 4 grounding clips; 4 jack screws 4-40 UNC mounted	Distance Dimensions	
SDD-H44H44-2-02-F	SDD-H44H44-2-02-FJ	SDD-H44H44-2-02-FN	SDD-H44H44-2-02-FNJ	„A“ = 19.05	„B“ = 31.60

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 SMT and "pin in paste"	$+230^{\circ} \text{ C}$ for 60 sec. max. $+260^{\circ} \text{ C}$ for 10 sec. max.
Moisture absorption from air 50% rh	0,10%
IDC Connector types accept AWG 26 or AWG 28 standard wire	

materials and plating	
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 6T UL 94V-0
Shell	Steel, tin plated
Bracket	Brass, tin plated
Male contact	Brass
- plating	-02 = solder side Sn; contact side Au over Ni -22 = solder and contact side Au over Ni
Female contact	Phosphor Bronze
- plating	-02 = solder side Sn; contact side Au over Ni -22 = solder and contact side Au over Ni

electrical data	
max. Current rating	5 A / 25° C 3 A / 70° C (High Density Types 3A)
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	
class 1	500 contact cycles
class 2	200 contact cycles
class 3	50 contact cycles

D-Sub with Filter (ferrite)	
Frequency range	10 - 300 MHz
Impedance	5 MHz - $15 \text{ } \Omega$ 25 MHz - $30 \text{ } \Omega$ 100 MHz - $50 \text{ } \Omega$ 300 MHz - $75 \text{ } \Omega$

