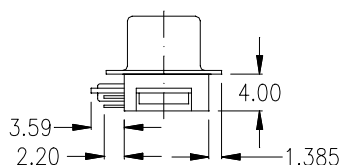
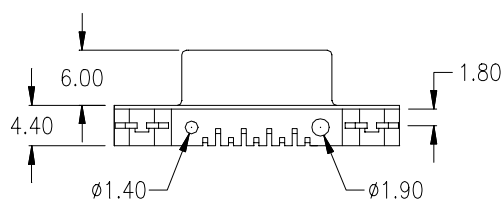
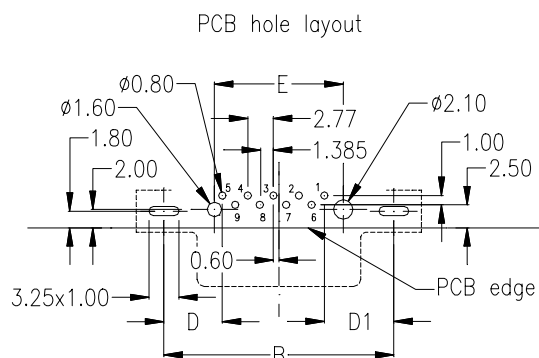
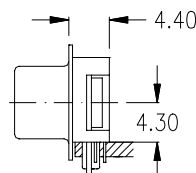
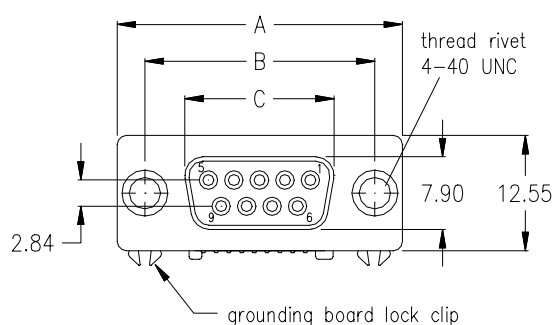


female



for technical & electrical specification please go to page 64

Option:

Jack Screw has to be ordered separately.
See page 62

No. of contacts	Dimension					
	A	B	C	D	D1	E
009	$\frac{30.81}{1.213}$	$\frac{24.99}{.984}$	$\frac{16.33}{.643}$	$\frac{6.36}{.250}$	$\frac{7.56}{.298}$	$\frac{14.00}{.551}$

Ordering Code

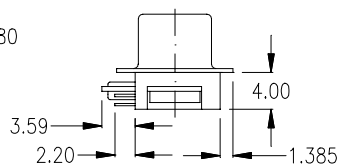
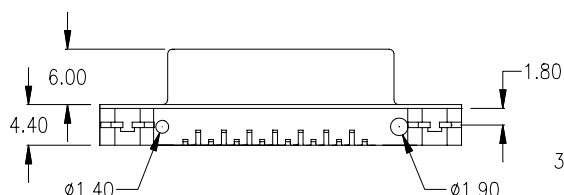
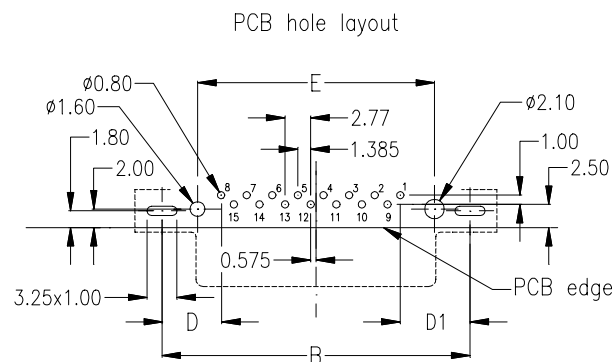
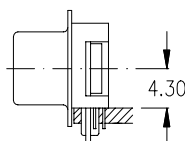
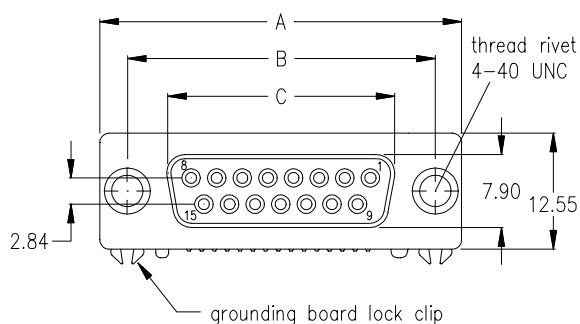
for “Wave Solder” Technology

SDF - 009 - US91 - 02 / N

for “Pin-In-Paste” Technology

SDF - 009 - US91 - 02 / SN

female



for technical & electrical specification please go to page 64

Option:

Jack Screw has to be ordered separately.
See page 62

No. of contacts	Dimension					
	A	B	C	D	D1	E
015	$\frac{39.14}{1.541}$	$\frac{33.32}{1.312}$	$\frac{24.66}{.971}$	$\frac{6.39}{.252}$	$\frac{7.54}{.297}$	$\frac{25.64}{1.009}$

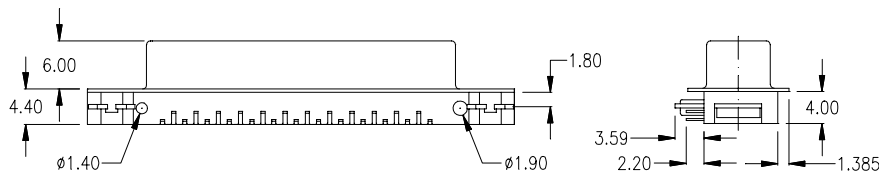
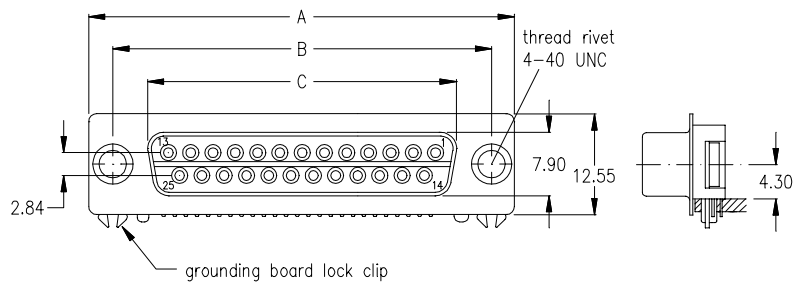
Ordering Code

for “Wave Solder” Technology

SDF - 015 - US91 - 02 / N

for “Pin-In-Paste” Technology

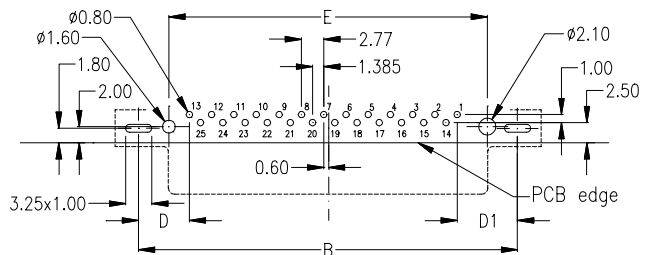
SDF - 015 - US91 - 02 / SN

female

for technical & electrical specification please go to page 64

No. of contacts	Dimension					
	A	B	C	D	D1	E
025	<u>53.04</u> 2.088	<u>47.04</u> 1.852	<u>38.38</u> 1.511	<u>6.30</u> .248	<u>7.50</u> .295	<u>39.54</u> 1.557

PCB hole layout

**Option:**

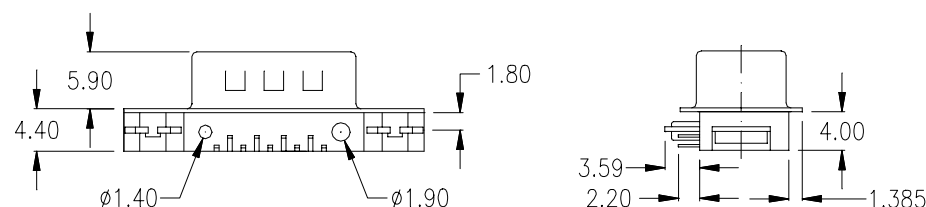
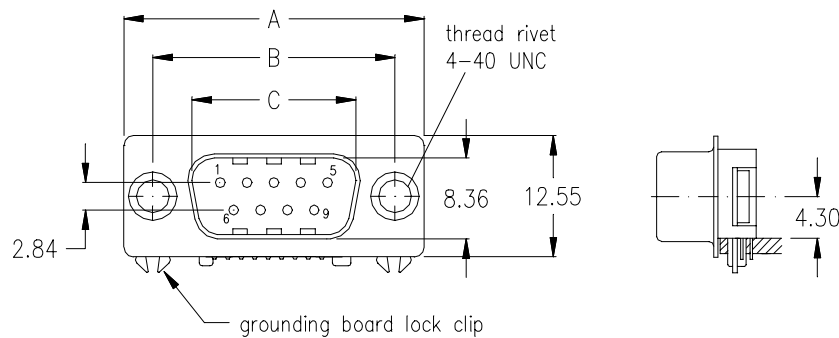
Jack Screw has to be ordered separately.
See page 62

Ordering Code

for "Wave Solder" Technology

SDF - 025 - US91 - 02 / N

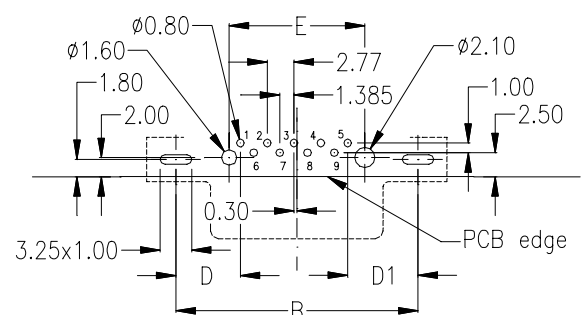
for "Pin-In-Paste" Technology

SDF - 025 - US91 - 02 / SN**male**

for technical & electrical specification please go to page 64

No. of contacts	Dimension					
	A	B	C	D	D1	E
009	<u>30.81</u> 1.213	<u>24.99</u> .984	<u>16.92</u> .666	<u>6.66</u> .262	<u>7.26</u> .286	<u>14.00</u> .551

PCB hole layout

**Option:**

Jack Screw has to be ordered separately.
See page 62

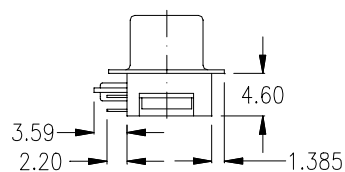
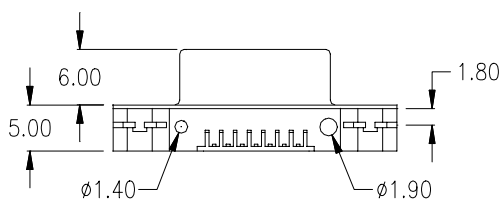
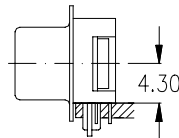
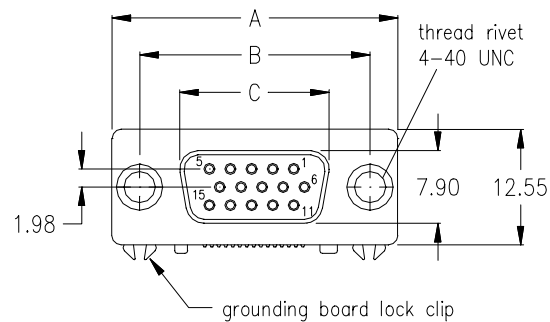
Ordering Code

for "Wave Solder" Technology

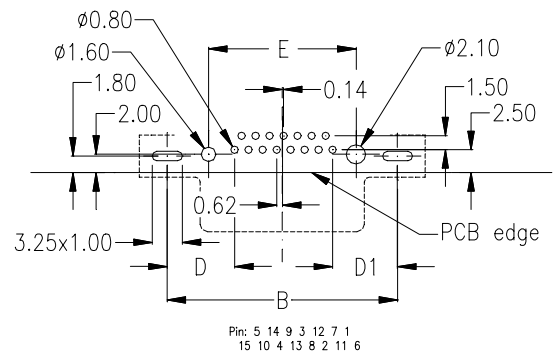
SDM - 009 - US91 - 02 / N

for "Pin-In-Paste" Technology

SDM - 009 - US91 - 02 / SN

female

PCB hole layout

**Option:**

Jack Screw has to be
ordered separately.
See page 62

for technical & electrical specification please go to page 64

No. of contacts	Dimension					
	A	B	C	D	D1	E
015	30.81	24.99	16.33	7.32	7.04	16.00
	1.213	.984	.643	.288	.277	.630

Ordering Code

for "Wave Solder" Technology

SHF - 015 - US98 - 02 / N

for "Pin-In-Paste" Technology

SHF - 015 - US98 - 02 / SN

mechanical data

Mating force per contact	≤ 3,4 N
Unmating force per contact	≥ 0,2 N
Temperature range	-55° C to +105° C
Processing temperature SMT and "pin in paste"	+230° C for 60 sec. max. +260° 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 - plating	Brass -02 = solder side Sn; contact side Au over Ni -22 = solder and contact side Au over Ni
Female contact - plating	Phosphor Bronze -02 = solder side Sn; contact side Au over Ni -22 = solder and contact side Au over Ni

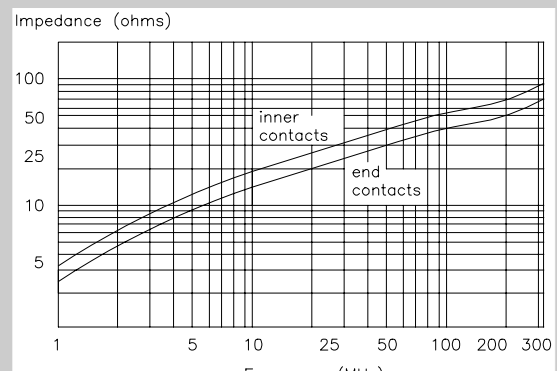
electrical data

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 m Ω
Insulation resistance	≥ 1000 M Ω at 500V DC
Dielectric strength	1000 V AC min. for 1 Minute
Volume resistivity	10 ¹⁶ Ω 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 Ω	
	25 MHz - 30 Ω	
	100 MHz - 50 Ω	
	300 MHz - 75 Ω	