

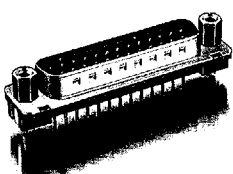
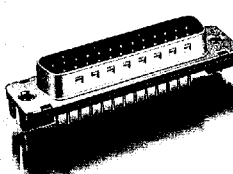
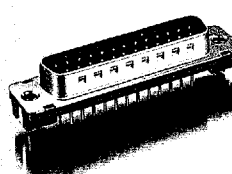
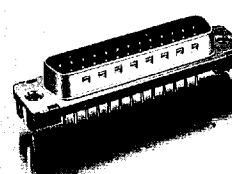
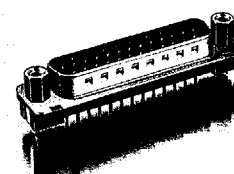
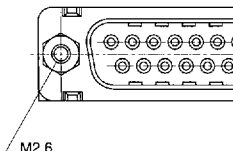
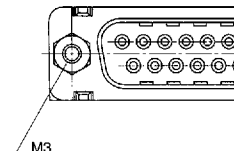
D SUBMINIATURE CONNECTOR J SERIES

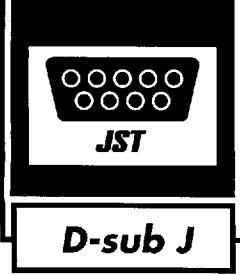
Model number identification

Series name	J	B	S	—	25	P	—	2A	3	F	14
Shell size: B, E	B		S		P		2A		F		14
Wire connection type: S ... Straight through-hole type	S		S		P		2A		F		14
Number of circuits: 9, 25	B		S		P		2A		F		14
Connector type: P ... Plug S ... Receptacle	B		S		P		2A		F		14
Connector construction/dimensions: 2A ... 6 mm (.236") from flange to solder tail 3A ... 9 mm (.354") from flange to solder tail 4A ... 12mm (.472") from flange to solder tail	B		S		P		2A		F		14
Types of grounding adapter: 3 ... Grounding adapter with a spring lock device	B		S		P		2A		F		14
Types of lock screw block: A ... With hexagonal lock screw blocks having a No. 4-40UNC inch thread B ... With hexagonal lock screw blocks having a M2.6 thread F ... With no lock screw block, and grounding adapters having a No.4-40UNC inch thread G ... With no lock screw block, and grounding adapters having a M2.6 thread H ... With no lock screw block, and grounding adapter having a M3 thread J ... With hexagonal lock screw block having a M3 thread	B		S		P		2A		F		14
Finish Blank ... Gold-plated(flash) 12 ... 0.2micron(8micro-inch)gold-plated 13 ... 0.4micron(16micro-inch)gold-plated	B		S		P		2A		F		14
	B		S		P		2A		F		14
	B		S		P		2A		F		14

Note:

- In the J Series, the number of circuits is determined by the shell size: 9 circuits for E and 25 circuits for B.
- Contact JST for special plating requirements.
- Contact JST for the dimensions between the flange and solder tail other than those listed above.
- Grounding adapters that can secure printed circuit boards are also available.

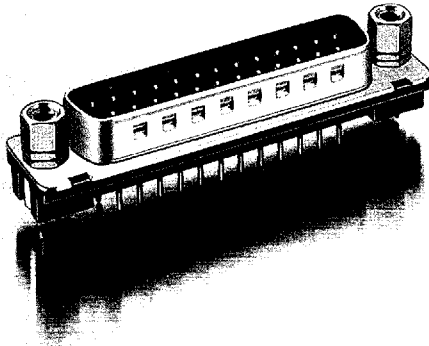
Type B	Type F	Type G	Type H	Type J
				
With hexagonal lock screw blocks (H: 6.3mm(.248")) having a M2.6 thread	Without lock screw blocks F, G, H: Grounding adapter has threads (*1) for securing a separately-purchased lock screw block (*2)			With hexagonal lock screw block (H: 6.3mm (.248")) having an M3 thread
	*1: No.4-40UNC inch thread *2: Model number SFS-4S-()1W(M)	*1: M2.6 thread *2: Model number SFS-2.6S-()1W(M)	*1: M3 thread *2: Model number SFS-3S-()1W(M)	
M2.6	No.4-40UNC	M2.6	M3	M3
3B	3F	3G	3H	3J



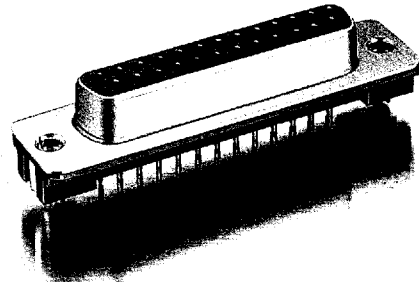
D SUBMINIATURE CONNECTOR J SERIES

Straight through-hole plug and receptacle

STRAIGHT THROUGH-HOLE PLUG AND RECEPTACLE



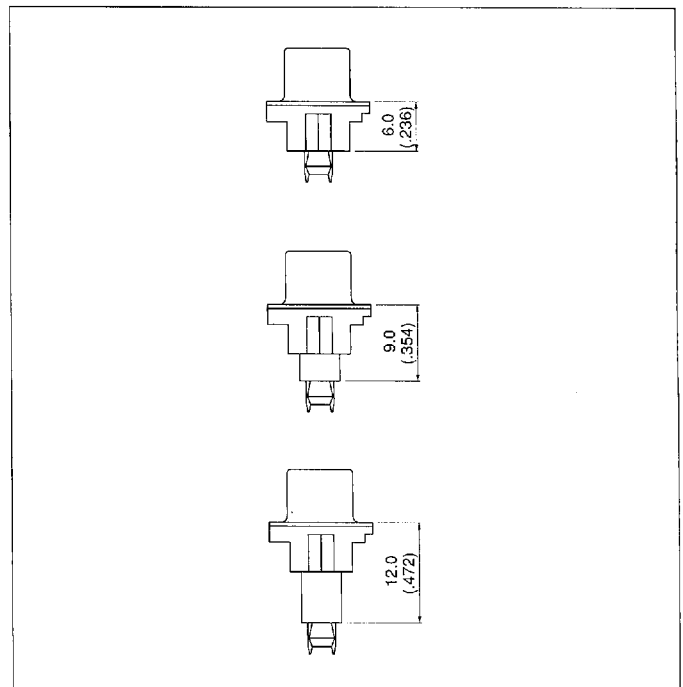
Straight through-hole plug
(with hexagonal lock screw blocs)



Straight through-hole receptacle (with no lock screw block, and a
grounding adapter having a No.4-40UNC inch thread)

Features

- Three standard types are available with different dimensions between the flange and solder tail: 6mm (.236"), 9mm (.354"), and 12mm (.472").
- The roots of the contact leads are covered to prevent flux from rising into the connector during soldering.
- A grounding adapter with a spring lock device allows the connector to be temporarily secured onto the printed circuit board so that the connector can be soldered easily.



D SUBMINIATURE CONNECTOR J SERIES

Specifications

Materials

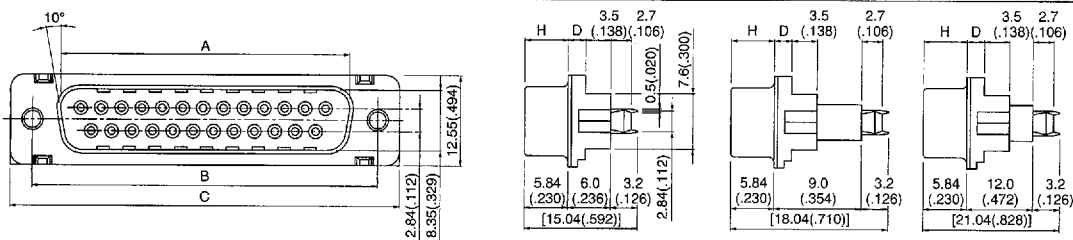
Part name		Material and Finish
Contact	Plug	Brass, nickel-undercoated, selective gold-plated
	Receptacle	Phosphor bronze, nickel-undercoated, selective gold-plated
Insulator		Glass-filled PBT, UL94V-0, black
Shell		Mild steel, copper-undercoated, nickel-plated
Hexagonal lock screw block		Mild steel, copper-undercoated, nickel-plated
Grounding adapter with spring lock device		Brass, copper-undercoated, tin-plated

Characteristics

Current rating	3.0A AC, DC
Voltage rating	250V AC, DC
Temperature range	-40°C to +85°C (including temperature rise in applying electrical current)
Contact resistance	Initial value/15mΩ max. After environmental testing/30mΩ max.
Insulation resistance	5,000MΩ min.
Withstanding voltage	1,000V AC/minute
Applicable PC board thickness	1.6mm(.063")

*Contact JST for details.

Straight through-hole plug



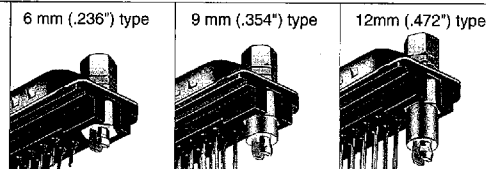
H: Height of the lock screw block (for Types A, B & J)

Cir- cuits	Dimension between flange and solder tail mm(in.)	Model No.		Dimensions mm (in.)				Q'ty/ box
		Gold-plated (flash) Plug	Gold-plated 0.76micron(30micro-inch)	A	B	C	D	
9	6 (.236)	JES- 9P-2A**	JES- 9P-2A**14	16.90 (.665)	24.99 (.984)	30.8 (1.213)	2.4 (.094)	100
	9 (.354)	JES- 9P-3A**	JES- 9P-3A**14					
	12 (.472)	JES- 9P-4A**	JES- 9P-4A**14					
25	6 (.236)	JBS-25P-2A**	JBS-25P-2A**14	38.97 (1.534)	47.04 (1.852)	53.04 (2.088)	2.5 (.098)	50
	9 (.354)	JBS-25P-3A**	JBS-25P-3A**14					
	12 (.472)	JBS-25P-4A**	JBS-25P-4A**14					

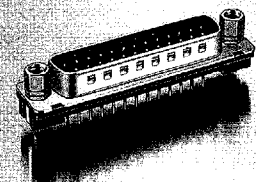
Note:

** shows the location where a two-digit code (see the table below for codes) should be entered. For example, if a gold-plated (flash) receptacle with hexagonal lock screw blocks having a No. 4-40UNC inch thread and without grounding adapter whose dimension between flange and solder tail is 6mm(.236") is required, specify the model number as JBS-25P-2A3A.

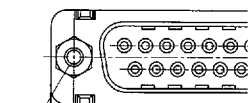
With grounding adapter
with a spring lock device



Type A



With hexagonal lock
screw blocks
(H: 6.3mm (.248"))
having a No.4-40UNC
inch thread

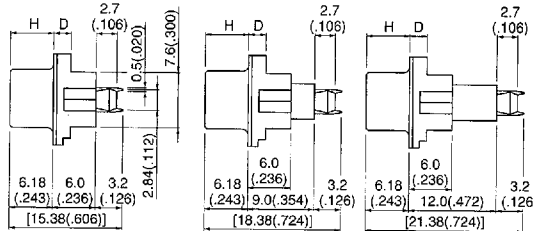
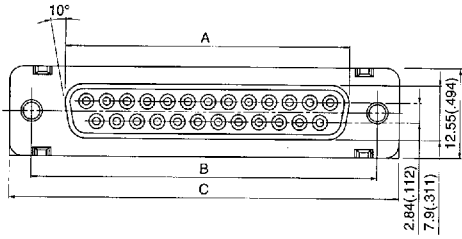


No.4-40UNC

3A

D SUBMINIATURE CONNECTOR J SERIES

Straight through-hole receptacle

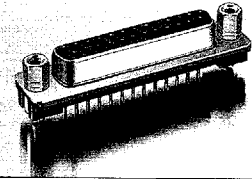


H: Height of the lock screw block (for Types A, B & J)

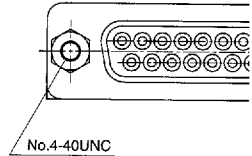
Circuits	Dimension between flange and solder tail mm(in.)	Model No.		Dimensions mm(in.)				Q'ty / box
		Gold-plated (flash) receptacle	Gold-plated 0.76micron(30micro-inch)	A	B	C	D	
9	6(.236)	JES- 9S-2A**	JES- 9S-2A**14	16.92 (.666)	24.99 (.984)	30.81 (1.213)	2.4 (.094)	100
	9(.354)	JES- 9S-3A**	JES- 9S-3A**14					
	12(.472)	JES- 9S-4A**	JES- 9S-4A**14					
25	6(.236)	JBS-25S-2A**	JBS-25S-2A**14	38.97 (1.534)	47.04 (1.852)	53.04 (2.088)	2.5 (.098)	50
	9(.354)	JBS-25S-3A**	JBS-25S-3A**14					
	12(.472)	JBS-25S-4A**	JBS-25S-4A**14					

Note: ** shows the location where a two-digit code (see the table below for codes) should be entered. For example, if a gold-plated (flash) receptacle with hexagonal lock screw blocks having a No. 4-40UNC inch thread and without grounding adapter whose dimension between flange and solder tail is 6mm(.236") is required, specify the model number as JES-9S-2A3A.

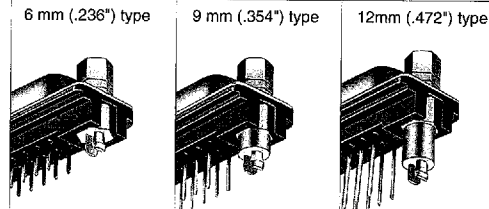
Type A



With hexagonal lock screw blocks (H: 6.3mm (.248")) having a No.4-40UNC inch thread



With grounding adapter with a spring lock device

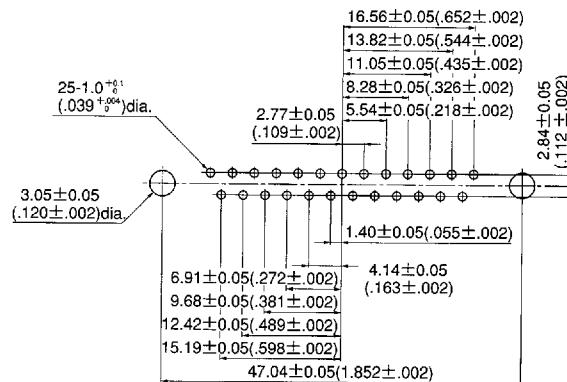
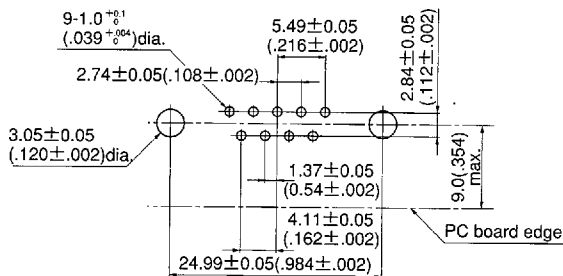


3A

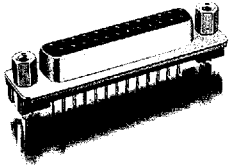
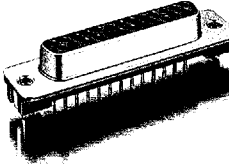
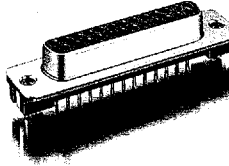
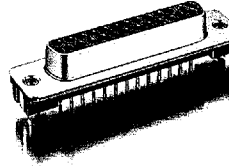
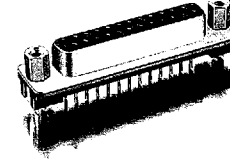
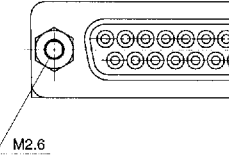
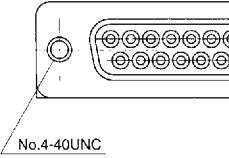
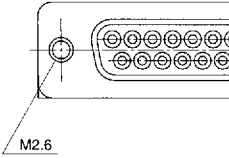
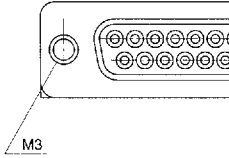
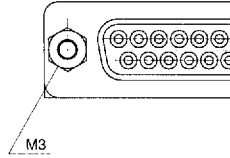
PC board layout

(9-circuits)

(25-circuits)



D SUBMINIATURE CONNECTOR J SERIES

Type B	Type F	Type G	Type H	Type J
				
With hexagonal lock screw blocks (H: 6.3mm (.248")) having a M2.6 thread	Without lock screw blocks F, G, H: Grounding adapter has threads (*1) for securing a separately-purchased lock screw block (*2)			With hexagonal lock screw blocks (H: 6.3mm (.248")) having a M3 thread
	*1: No.4-40UNC inch thread *2: Model number SFS-4S-()1W(M)	*1: M2.6 thread *2: Model number SFS-2.6S-()1W(M)	*1: M3 thread *2: Model number SFS-3S-()1W(M)	
 M2.6	 No.4-40UNC	 M2.6	 M3	 M3
3B	3F	3G	3H	3J

Panel layout

