

DSUBMINIATURE CONNECTOR J SERIES Solder pot plug and socket

SOLDER POT PLUG AND SOCKET

FL







Solder pot socket

Features

- The socket contacts are formed by high-speed stamping presses to obtain the advantages of cold working. They are therefore highly elastic, which in turn ensures reliable connection even after many mating cycles.
- The dimples in the plug shell ensure continuity between it and the socket shell, thus providing complete shielding.
- Costs are kept low by selective gold plating the contacts.
- The solder cup portions of the contacts are tin-plated for easy soldering.
- Insulator housings are made of a heat-resistant glass-filled PBT

Standards —

- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.
- * Compliant with RoHS.

Specifications-

Materials

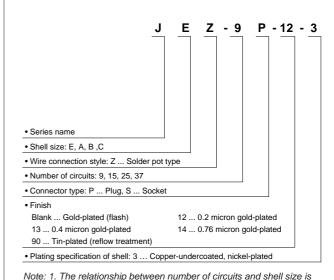
Connector	Part name	Material and Finish
		Brass, gold-plated product:
		Nickel-undercoated,
	Contact	Mating part; gold-plated
Plug	Contact	Solder tail; tin-plated (reflow treatment)
Flug		tin-plated product: Copper-undercoated,
		tin-plated (reflow treatment)
	Insulator	Glass-filled PBT, UL94V-0, black
	Shell	Steel, copper-undercoated, nickel-plated
		Phosphor bronze,
		gold-plated product:
		Nickel-undercoated,
	Contact	Mating part; gold-plated
Socket		Solder tail; tin-plated (reflow treatment)
		tin-plated product: Copper-undercoated,
		tin-plated (reflow treatment)
	Insulator	Glass-filled PBT, UL94V-0, black
	Shell	Steel, copper-undercoated, nickel-plated

Characteristics

Current rating	3 A AC, DC (2 A for 37 circuits)
Voltage rating	250 V AC, DC
Temperature range	-40°C to +85°C (including temperature rise in applying electrical current)
Contact resistance	Initial value/ 15 m Ω max. After environmental tests/ 30 m Ω max.
Insulation resistance	5,000 MΩ min.
Withstanding voltage	1,000 VAC/minute

Note: Contact JST for details.

Model number identification

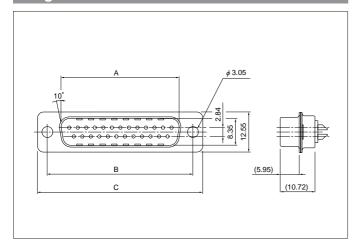


Note: 1. The relationship between number of circuits and shell size is shown below.

9: E, 15: A, 25: B, 37: C

Contact JST for special plating requirements.

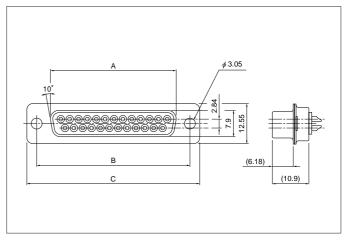
Plug



Circuits	Mode	el No.	Dime	ensions	(mm)	Q'ty/
Circuits	Gold-plated	Tin-plated	Α	В	С	box
9	JEZ-9P-3	JEZ-9P-90-3	16.92	24.99	30.80	100
15	JAZ-15P-3	_	25.25	33.32	39.14	100
25	JBZ-25P-3	JBZ-25P-90-3	38.97	47.04	53.04	50
37	JCZ-37P-3	JCZ-37P-90-3	55.43	63.50	69.32	50

RoHS compliance Gold-plated products display (LF)(SN) on a label.

Socket



Circuits	Mode	el No.	Dime	ensions	(mm)	Q´ty/
Circuits	Gold-plated	Tin-plated	Α	В	С	box
9	JEZ-9S-3	JEZ-9S-90-3	16.34	24.99	30.80	100
15	JAZ-15S-3	JAZ-15S-90-3	24.67	33.33	39.14	100
25	JBZ-25S-3	JBZ-25S-90-3	38.38	47.04	53.04	50
37	JCZ-37S-3	JCZ-37S-90-3	54.84	63.50	69.32	50

RoHS compliance Gold-plated products display (LF)(SN) on a label.



DSUBMINIATURE CONNECTOR J SERIES Right angle through-hole plug and socket

RIGHT ANGLE THROUGH-HOLE PLUG AND SOCKET

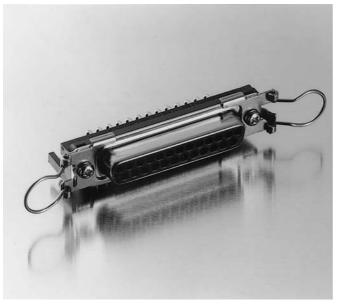
FL



Right angle through-hole plug (with hexagonal lock screw blocks)



Right angle through-hole socket (with rectangular lock screw blocks)



Right angle through-hole socket (with bail lock)

Features

- The socket contacts are made by high-speed stamping presses. This promotes the uniform elasticity of the twin-contact mating sections and therefore ensures reliable contact even after repeated mating cycles. The solder tails are U-shaped for extra strength.
- · Costs are minimized by selective gold plating, high speed stamping presses, and completely automated assembly.
- To ensure complete shielding, a wide variety of grounding adapters are available so that the sockets can be grounded to different kinds of supporting structures.
- Metric, inch or other lock screw blocks are available for fastening mating plugs.

Specifications -

Materials

Part nam	ie	Material and Finish				
		Brass, gold-plated product: Nickel-undercoated,				
		Mating part; gold-plated				
	Plug	Solder tail; tin-plated (reflow treatment)				
		tin-plated product: Copper-undercoated,				
Contact		tin-plated (reflow treatment)				
Contact		Phosphor bronze, gold-plated product: Nickel-undercoated,				
		Mating part; gold-plated				
	Socket	Solder tail; tin-plated (reflow treatment)				
		tin-plated product: Copper-undercoated,				
		tin-plated (reflow treatment)				
Insulator		Glass-filled PBT, UL94V-0, black				
Shell		Steel, copper-undercoated, nickel-plated				
Heaxagonal lock screw block		Steel, copper-undercoated, nickel-plated				
Rectangular lock screw block		Zinc, copper-undercoated, nickel-plated				
Grounding adapter having a 3.2	mm dia. hole	Steel, copper-undercoated, nickel-plated				
Grounding adapter having an M3 tapped hole		Steel, copper-undercoated, flicker-plated				
Grounding adapter having a spring lock lever		Brass, nickel-undercoated, tin/copper alloy-plated				
Spring lock	Bail lock	- Stainless steel				
Spring lock	Accepts bail lock	Jamiless Steel				

Characteristics

Current rating	3 A AC, DC (2 A AC, DC for 37 circuits)
Voltage rating	250 V AC, DC
Temperature range	-40°C to +85°C (including temperature rise in applying electrical current)
Contact resistance	Initial value/ 15 m Ω max. After environmental tests/ 30 m Ω max.
Insulation resistance	5,000 MΩ min.
Withstanding voltage	1,000 VAC/minute
Applicable PC board thickness	1.6 mm

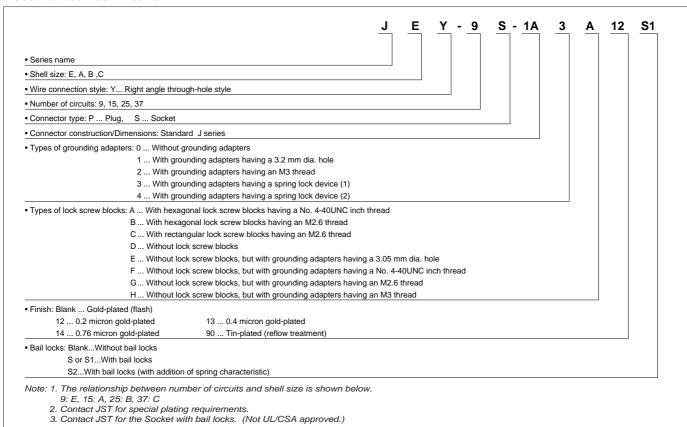
Note: Contact JST for details.

Standards -

Recognized E60389 (Certified LR20812

- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.
- * Compliant with RoHS.

Model number identification



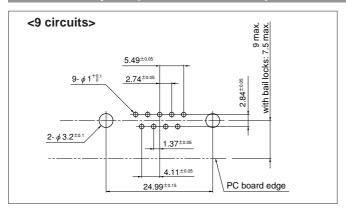
Right	t angle throug	h-hole plug							Type A	Type B
	A 10°	0.75	3.2	12.55		95) (18	D 2.84	0.6	With hexagonal lock screw blocks (H: 6.3 mm) having a No.4-40UNC inch thread	With hexagonal lock screw blocks (H: 6.3 mm) having an M2.6 thread
Circuits 9 15 25 <gold-plate< td=""><td>f the lock screw block (for Mode Gold-plated plug JEY-9P-1A** JAY-15P-1A** JBY-25P-1A** ad product> RoHS compiler product> *1, 2, 3 RoH</td><td>Tin-plated plug JEY-9P-1A**90 JAY-15P-1A**90 JBY-25P-1A**90 liance This product display</td><td>25.25 38.97</td><td>B 24.99 33.33 47.04</td><td>ensions (C 30.80 39.14 53.00 abel.</td><td>mm) B.1 8.1 8.2</td><td>E 9.52 9.52 9.62</td><td>Q'ty/ box 100 100 50</td><td></td><td></td></gold-plate<>	f the lock screw block (for Mode Gold-plated plug JEY-9P-1A** JAY-15P-1A** JBY-25P-1A** ad product> RoHS compiler product> *1, 2, 3 RoH	Tin-plated plug JEY-9P-1A**90 JAY-15P-1A**90 JBY-25P-1A**90 liance This product display	25.25 38.97	B 24.99 33.33 47.04	ensions (C 30.80 39.14 53.00 abel.	mm) B.1 8.1 8.2	E 9.52 9.52 9.62	Q'ty/ box 100 100 50		
Note: ** sho For e. a No.		compliance This product wo-digit code (see the table plated (flash) plug with hex	e below for agonal loc	codes) k screw	should be	aving			No.4-40UNC	M2.6
*1 Without	t grounding adapt	ters							0A	0B
	ounding adapters 3.2 mm dia. hole		3				60		1A	1B
	ounding adapters M3 thread		3						2A	2B
	ounding adapters pring lock device								3A	3B
	ounding adapters spring lock device								_	

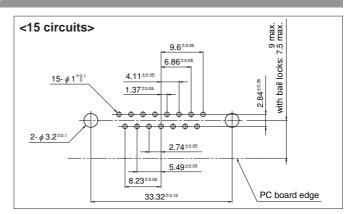
Type C	Type D	Type E	Type F	Type G	Type H
			Contraction of the second of t		
With rectangular lock screw blocks (H: 6.2 mm)	Without lock screw blocks	Without lock screw bl E: Grounding adapter has F, G, H: Grounding adapt	s no thread.	ecuring separately-purcha	sed lock screw blocks (*2)
having an M2.6 thread		Use a lock screw block of Model number JFS-()S-C1N.	*1: No.4-40UNC inch thread *2: Model number JFS-4S-()1W(M)	*1: M2.6 thread *2: Model number JFS-2.6S-()1W(M)	*1: M3 thread *2: Model number JFS-3S-()1W(M)
M2.6		\$\delta \cdot \cdo	No.4-40UNC	M2.6	M3
0C	0D		_		
1C	1D		1F	1G	
2C	2D	2E	2F	2G	
3C	3D	3E	3F	3G	
			—		4H

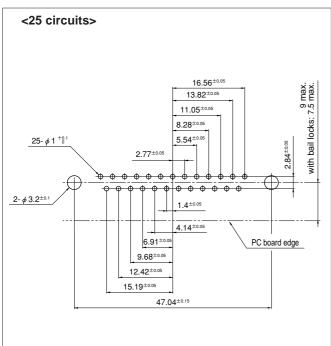
Right	angle through	n-hole socket							Type A	Type B
	A A	9000	12.55		H D	2.8	44_			
H: Height of	B C	ypes A, B & C)		_6	6.18 E (18.8)		6		With hexagonal lock screw blocks (H: 6.3 mm) having a No.4-40UNC inch thread	With hexagonal lock screw blocks (H: 6.3 mm) having an M2.6 thread
Circuits	Mode	l No.		Dime	ensions ((mm)		Q´ty/		
	Gold-plated socket	Tin-plated socket	A	В	C	D	E	box		
9 15	JEY-9S-1A** JAY-15S-1A**	JEY-9S-1A**90 JAY-15S-1A**90	16.34 24.67	24.99 33.32	30.81	8.1 8.1	9.52 9.52	100		
25	JBY-25S-1A**	JBY-25S-1A**90	38.38	47.04	53.04	8.2	9.62	50		
37	JCY-37S-1A**	JCY-37S-1A**90	54.84	63.50	69.32	8.2	9.62	50		
Note:1. ** sh if a s and	product> *1, 2, 3 RoHS c:	ompliance This product of two-digit code (see the tab socket with hexagonal locks is required, specify the m	le below k screw b	for codes blocks ha	s) should ving a No	.4-40UN			No.4-40UNC	M2.6
*1 Without	grounding adapte	ers							0A	0B
	ounding adapters .2 mm dia. hole		3						1A	1B
^{∙₃} With gro with an	ounding adapters M3 thread		3				000		2A	2B
	ounding adapters oring lock device	(1)					0		3A	3B
	ounding adapters oring lock device	(2)		66					_	

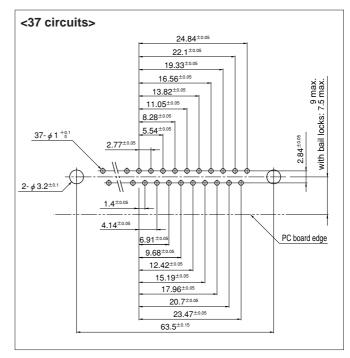
Type C	Type D	Type E	Type F	Type G	Type H
		(a)	(3)		
With rectangular lock screw blocks (H: 6.2 mm)	Without lock screw blocks	Without lock screw bl	s no thread.	ecuring separately-purchas	ed lock screw blocks (*2)
having an M2.6 thread		Used a lock screw block [model number JFS-()S-C1N]	*1: No.4-40UNC inch thread *2: Model number JFS-4S-()1W(M)	*1: M2.6 thread *2: Model number JFS-2.6S-()1W(M)	*1: M3 thread *2: Model number JFS-3S-()1W(M)
M2.6		#3.05	No.4-40UNC	M2.6	M3
0C	0D	—			
1C	1D	1E	1F	1G	
2C	2D	2E	2F		
3C	3D	3E	3F	3G	
		—			4H

PC board layout (viewed from component side)





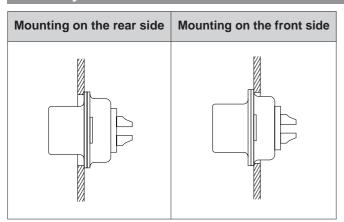




Note: 1. Tolerances are non-cumulative: ±0.05 mm for all centers.

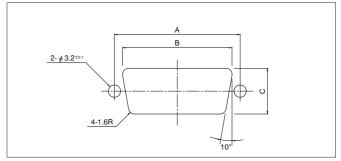
2. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

Panel layout



The connector can be mounted either on the front side or on the rear side of the panel as shown above.

Use M2.5 or M2.6 screws for installation.



Circuits	A ^{±0.15}	B±0.2	C ^{±0.2}
9	24.99	20.6	12.0
15	33.32	28.8	12.0
25	47.04	42.6	12.0
37	63.50	59.0	12.0

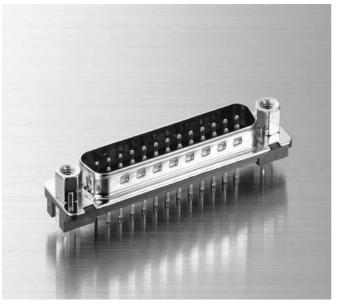
Note: The dimensions above should serve as a guideline. Contact JST for details.



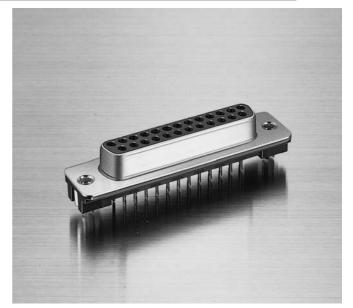
DSUBMINIATURE CONNECTOR J SERIES Straight through-hole plug and socket

STRAIGHT THROUGH-HOLE PLUG AND SOCKET





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



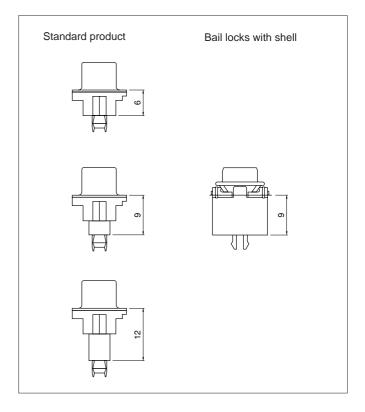
Straight through-hole socket (without lock screw blocks, but with grounding adapters having a No.4-40UNC inch thread)

Features

- Three standard types are available with different dimensions between the flange and solder tail: 6 mm, 9 mm, and 12 mm.
- 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.

Standards -

- Recognized E60389
- Certified LR20812
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.
- * Compliant with RoHS.



Specifications -

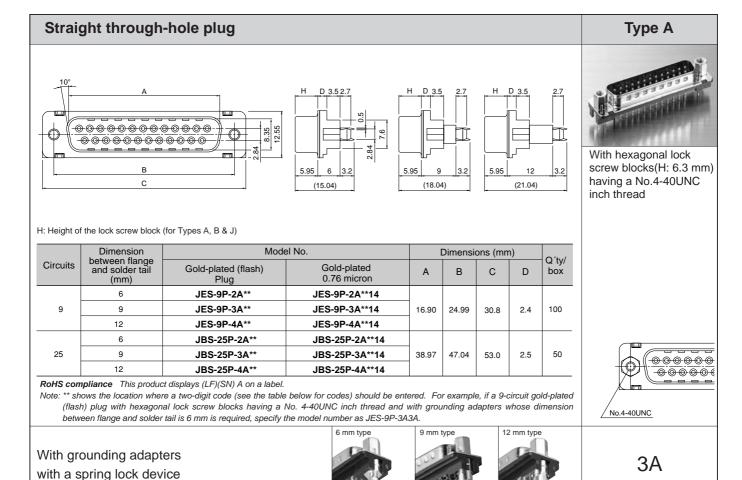
Materials

Part	name	Material and Finish			
		Brass, gold-plated product: Nickel-undercoated,			
	Plug	Mating part; gold-plated			
Contact		Solder tail; tin-plated (reflow treatment)			
Contact		Phosphor bronze, gold-plated product: Nickel-undercoated,			
	Socket	Mating part; gold-plated			
		Solder tail; tin-plated (reflow treatment)			
Insulator		Glass-filled PBT, UL94V-0, black			
Shell		Steel, copper-undercoated, nickel-plated			
Heaxagonal lock screw bloc	k	Steel, copper-undercoated, nickel-plated			
Grounding adapter	Cutting product	Brass, nickel-undercoated, tin/copper alloy-plated			
with spring lock device	Stamping product	Brass, tin-plated (reflow treatment)			
Spring lock	Bail lock	Obsimilare steel			
	Accepts bail lock	Stainless steel			

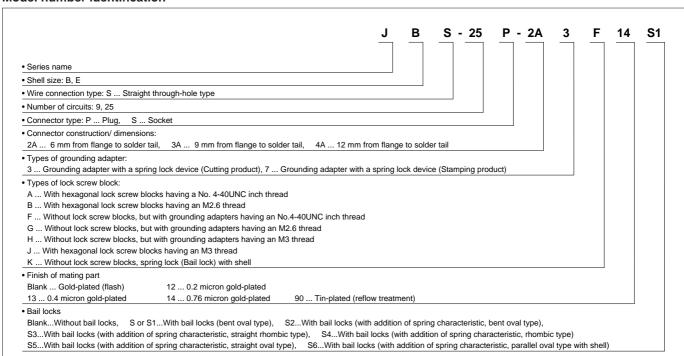
Characteristics

Current rating	3 A AC, DC
Voltage rating	250 V AC, DC
Temperature range	-40°C to +85°C (including temperature rise in applying electrical current)
Contact resistance	Initial value/ 15 m Ω max. After environmental tests/ 30 m Ω max.
Insulation resistance	5,000 MΩ min.
Withstanding voltage	1,000 VAC/minute
Applicable PC board thickness	1.6 mm

Note: Contact JST for details.



Model number identification



Type B Type F Type G Type H Type J



Contact JST for special plating requirements.

With hexagonal lock screw blocks (H: 6.3 mm) having an M2.6 thread



Note: 1. 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 the dimensions between the flange and solder tail other than those listed above.
 Grounding adapters that can secure printed circuit boards are also available.

5. Contact JST for the Receptacle with spring lock devices. (Not UL/CSA approved.)

Without lock screw blocks

*1: No.4-40UNC inch

SFS-4S-()1W(M)

thread *2: Model number

F, G, H: Grounding adapters have a thread (*1) for securing separatelypurchased lock screw blocks (*2)

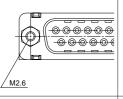
> *1: M2.6 thread *2: Model number SFS-2.6S-()1W(M)

*1: M3 thread *2: Model number

SFS-3S-()1W(M)



With hexagonal lock screw blocks (H: 6.3 mm) having an M3 thread



00000 No.4-40UNC

00000

00000 00000 M2.6

00000 00000 / мз

00000 00000 /мз

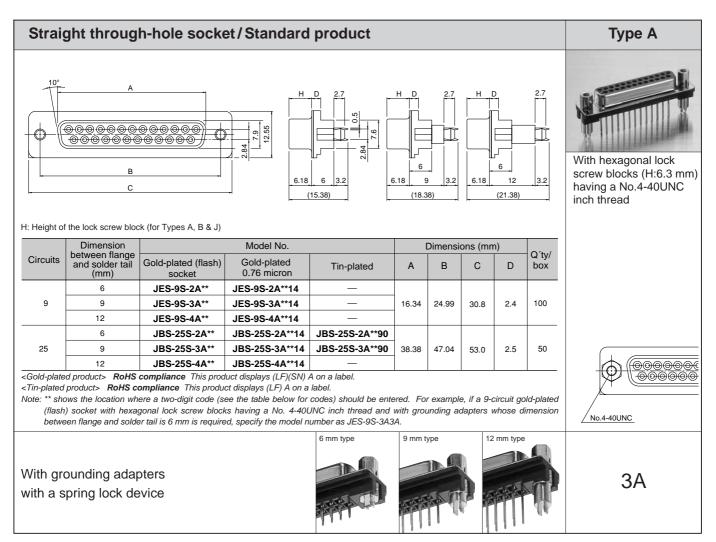
3B

3F

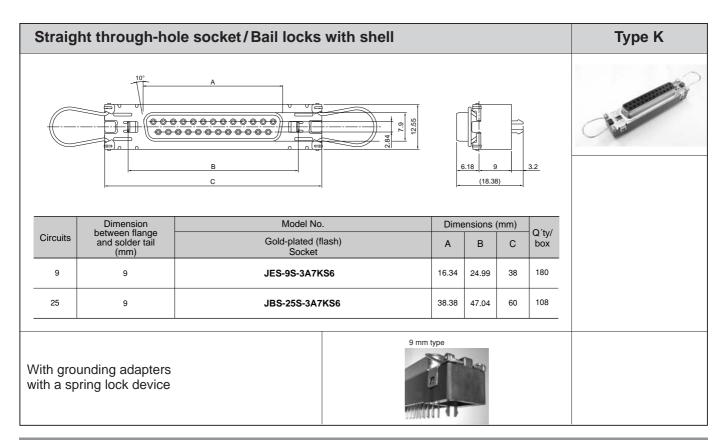
3G

3H

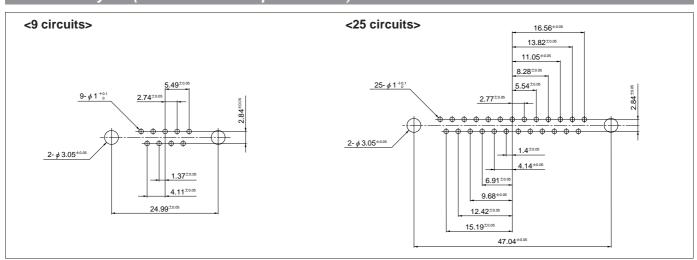
3J



Type B	Type F	Type G	Type H	Type J
With hexagonal lock screw blocks (H: 6.3 mm)	Without lock screw blocks F, G, H: Grounding adapte lock screw blocks	rs have a thread (*1) for securing	g separately-purchased	With hexagonal lock screw blocks (H: 6.3 mm)
having an M2.6 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)	having an M3 thread
M2.6	No.4-40UNC	M2.6	M3	M3
3B	3F	3G	3H Note: JBS-25S-2A3H is excluded.	3J



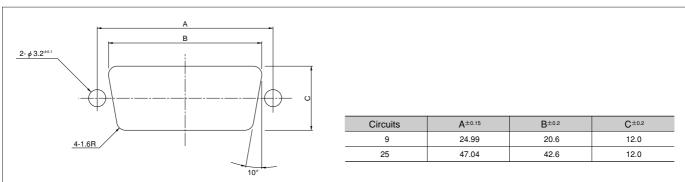
PC board layout (viewed from component side)



Note: 1. Tolerances are non-cumulative: ±0.05 mm for all centers.

2. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

Panel layout



Note: The dimensions above should serve as a guideline. Contact JST for details.



Crimp style plug and socket

CRIMP STYLE PLUG AND SOCKET







Features

- The contacts of this plug are formed by high-speed stamping presses into continuous strips that can be automatically fed into our compact crimping machines. Much less time is required to assemble CRT and RS-232C round cables using this plug than when soldering connections.
- The contacts in this connector are selectively gold-plated.
 Moreover, JST's advanced technological knowledge and
- experience are fully utilized to significantly reduce production costs.
- The dimples in the connector shell provide the ground connection and are important factors in preventing electromagnetic interference. The contact has a lance that can be visually checked during assembly. This assures accurate assembly and reduces defects.

Specifications -

Materials

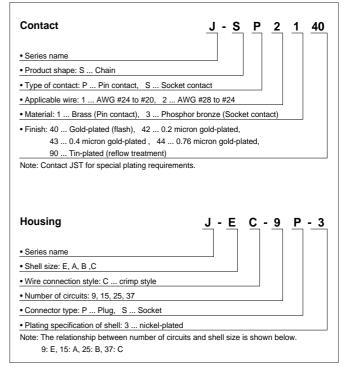
Connector	Part name	Material and Finish
Plug	Contact	Brass, gold-plated product: Nickel-undercoated, Mating part; gold-plated Crimping part; tin-plated (reflow treatment) tin-plated product: tin-plated (reflow treatment)
	Insulator	Glass-filled PBT, UL94V-0, black
	Shell	Steel, copper-undercoated, nickel-plated
Socket	Contact	Phosphor bronze, Nickel-undercoated, Mating part; gold-plated Crimping part; tin-plated (reflow treatment)
	Insulator	Glass-filled PBT, UL94V-0, black
	Shell	Steel, copper-undercoated, nickel-plated

Characteristics

Current rating	3 A AC, DC (2 A for 37 circuits)(AWG #20)
Voltage rating	250 V AC, DC
Temperature range	-40°C to +85°C (including temperature rise in applying electrical current)
Contact resistance	Initial value/ 15 m Ω max. After environmental tests/ 30 m Ω max.
Insulation resistance	5,000 MΩ min.
Withstanding voltage	1,000 VAC/minute

Note: Contact JST for details.

Model number identification



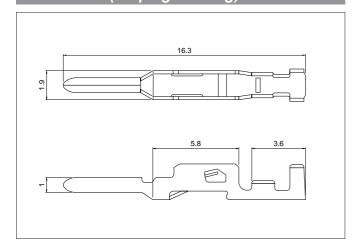
Standards -

Recognized E60389

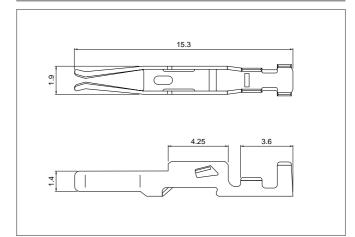
Certified LR20812

- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.
- * Compliant with RoHS.

Pin contact (for plug housing)



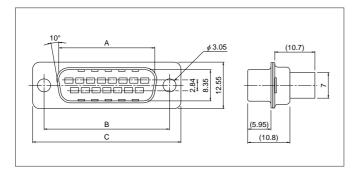
Socket contact (for socket housing)



Model No.			Applica	ble wire	
Pin o	ontact	Socket contact	ANA/O #	Insulation O.D.	Q'ty/reel
Gold-plated	Tin-plated	Gold-plated	AWG #	(mm)	
J-SP1140	J-SP1190	J-SS1340	# 24~# 20	1.1~1.8	40.000
J-SP2140	J-SP2190	J-SS2340	# 28~# 24	0.9~1.3	10,000

RoHS compliance Gold-plated products display (LF)(SN) on a label.

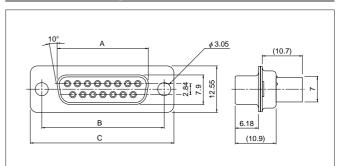
Plug housing



Circuits	Model No.	Dime	Q'ty/		
Circuits	Circuits Woder No.	Α	В	С	box
9	JEC-9P-3	16.92	24.99	30.80	100
15	JAC-15P-3	25.25	33.32	39.14	100
25	JBC-25P-3	38.97	47.04	53.04	50
37	JCC-37P-3	55.43	63.50	69.32	50

RoHS compliance

Socket housing



Circuits	Model No.	Dime	Q'ty/		
Circuits	s iviodel No.		В	С	box
9	JEC-9S-3	16.34	24.99	30.80	100
15	JAC-15S-3	24.67	33.33	39.14	100
25	JBC-25S-3	38.38	47.04	53.04	50

RoHS compliance

Crimping machine, Applicator

	Crimpina		Applicate	or
Contact	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies
	maomino	Chillip applicator	DIES	
J-SP1***	- AP-K2N	MKS-L	MK/J-SP/SS1	APLMK J-SP/SS1
J-3F1		*MKS-SC	SC/J-SP/SS1	APLSC J-SP/SS1
J-SS1***		MKS-L	MK/J-SP/SS1	APLMK J-SP/SS1
J-331		*MKS-SC	SC/J-SP/SS1	APLSC J-SP/SS1
J-SP2***	AP-KZIN	MKS-L	MK/J-SP/SS2	APLMK J-SP/SS2
J-3F2		*MKS-SC	SC/J-SP/SS2	APLSC J-SP/SS2
J-SS2***		MKS-L	MK/J-SP/SS2	APLMK J-SP/SS2
J-332		*MKS-SC	SC/J-SP/SS2	APLSC J-SP/SS2

Note: *Strip-crimp applicator



DSUBMINIATURE J&JK SERIES Accessories/EMI prevention shielding cover (J cover)

J COVER





Features -

- This shielding cover is made of steel, formed by our advanced stamping technology, and nickel-plated.
- The box-shaped cover completely encloses such EMI radiating areas as the connections between the connector and wires. The result is a superior shielding effect.
- · To install the shielding cover, simply align and press the upper and lower cover elements, then tighten the nuts. It then securely grips the round cables.
- This cover is so compact, light and sturdy, that it can be used to cover the connectors of any input/output cable. Moreover, it is attractive in appearance.
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.
- * Compliant with RoHS.

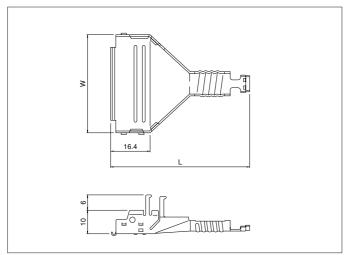
Standards -

Recognized E60389

Applicable cable dimensions

Circuits	J series	9	15	25	37
Circuits	JK series	15	_	_	_
Cable outer diameter (mm)		7.0	±0.2	8.0 ± 0.2	10.0 ±0.2

Shielding cover A



J series		JK series		Dimensions (mm)		Q'ty/
Circuits	Model No.	Circuits	Model No.	W	L	box
9	J-SC9A	15	JK-SC15A	19.4	42.0	200
15	J-SC15A	_	_	27.6	46.9	150
25	J-SC25A	_	_	41.4	57.0	100
37	J-SC37A	-	_	57.8	70.6	125

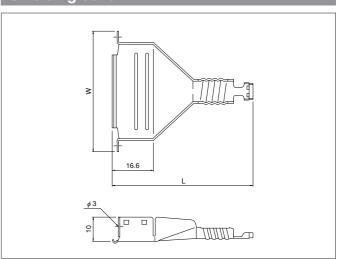
Material and Finish

Steel, copper-undercoated, nickel-plated

RoHS compliance

Note: The cover of the JK series 15-circuit connector is the same as that of the J series 9-circuit connector, except for the number of circuits indicated.

Shielding cover B



Circ	cuits	Model No.	Dimension	Q´ty/box	
J series	JK series	Woder No.	W	L	Q ty/box
9	15	J-SC9B	30.0	(42.0)	200
15	_	J-SC15B	38.0	(46.9)	150
25	_	J-SC25B	52.0	(57.0)	150
37		J-SC37B	68.0	(70.6)	100

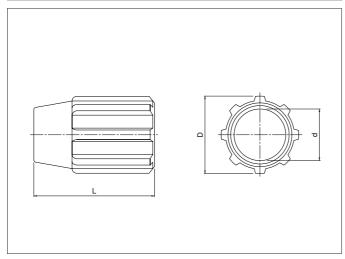
Material and Finish

Steel, copper-undercoated, nickel-plated

RoHS compliance

Note: The cover of the JK series 15-circuit connector is the same as that of the J series 9-circuit connector.

Cover nut

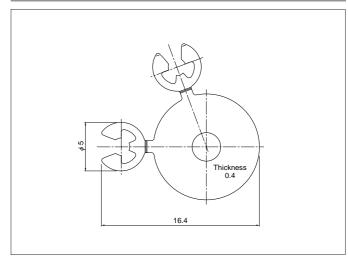


Circuits	Model No.	D	d	L	Q'ty/box
9	J-CN9 · 15	13.6	7.2	19.0	1,000
15	3-CN9 - 13	13.0	1.2	19.0	1,000
25	J-CN25	16.4	8.4	25.0	1,000
37	J-CN37	18.8	10.4	28.0	1,500

Material

Glass-filled, PBT, UL94V-0, black

E-ring

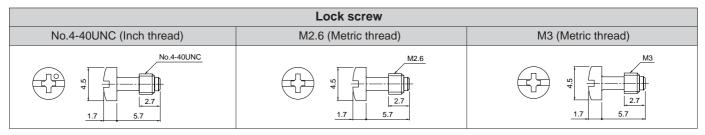


Model No.	Q'ty/box					
J-ER	5,000					
Material						
Stainlage staal						

RoHS compliance

Note: The cover nuts, lock screws and E-rings are used with both the J and JK series connectors.

RoHS compliance



Type of screw	Model No.	Q'ty/box
No.4-40UNC (Inch thread)	J-SL-1C	5,000
M2.6 (Metric thread)	J-SL-2C	5,000
M3 (Metric thread)	J-SL-3C	5,000

Material and Finish

Steel, copper-undercoated, nickel-plated

RoHS compliance

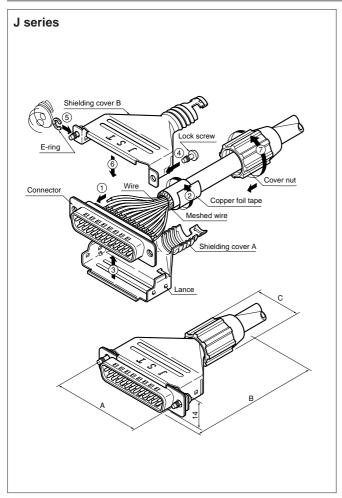
Use the following Model Nos. when ordering J-covers as a set.

	mig measi men mien eraeimig e	0010/0 40 4 00	•		
J series			JK series	Parts in one set	01: "
Circuits	Model No.	Circuits Model No.		Parts in one set	Q'ty/box
9	J-C9-()C	15	JK-C15-()C	Shielding cover A · · · · · · · 1 pc.	25
15	J-C15-()C	_	_	Shielding cover B	25
25	J-C25-()C	_	_	Lock screw	20
37	J-C37-()C	_	_	E-ring · · · · · · · · 1 set	10

RoHS compliance

Note: In the above lock screw model numbers, the number in parentheses indicates the type of screw-1: Inch thread (No.4-40UNC), 2: Metric thread (M2.6), 3: Metric thread (M3).

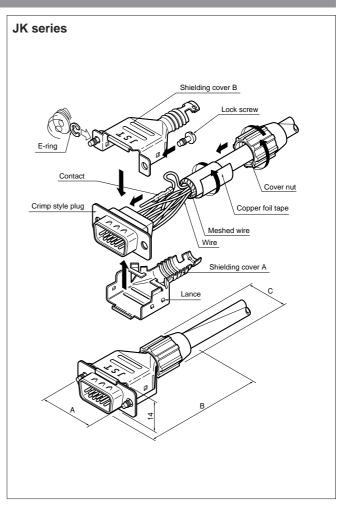
J-cover assembly procedure



Assembly procedure

- 1. Connect wires to the connector by soldering or crimping.
- 2. Fold back the braided shielding wire along the outside insulation and wind the copper foil tape around the shielding wire.
- 3. Install the connector into shielding cover A.
- 4. Screw the lock screws onto shielding cover B.
- 5. Install the E-rings.
- **6.** Align shielding cover B with shielding cover A and press shielding cover B until it engages the lances of shielding cover A.
- 7. Tighten the cover nut until the predetermined position is reached.

Note: For details of the J-cover assembly procedure, please refer to the processing specifications separately available. The shielding effect of the J-cover is critically dependent on proper assembly.



Dimensions after assembly

Circ	cuits	Dimensions (mm)				
J series	JK series	Α	В	С		
9	15	24.99	(49.0)	13.6		
15	_	33.32	(53.0)	13.6		
25	_	47.04	(64.5)	16.4		
37	_	63.50	(78.5)	18.9		



DSUBMINIATURE J&JK SERIES

Accessories/EMI prevention overmolding cover

MOLD COVER



Features

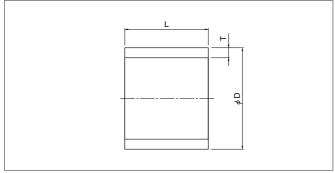
- This cover completely encloses all wire connections to the connector, and its braided wire crimp section ensures a reliable ground connection. The result is excellent shielding.
- This cover is sturdy enough to withstand the high pressure necessary during overmolding. It can thus be finish-molded directly.
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.
- * Compliant with RoHS.

Applicable cable diameter

Circ	cuits	Cable O.D. (mm)				
J series	JK series	Cable O.D. (Illill)				
9	15	8.6 ^{±0.2}				
15	_	7.6 ^{±0,2}				
25	_	8.6 ^{±0.2}				

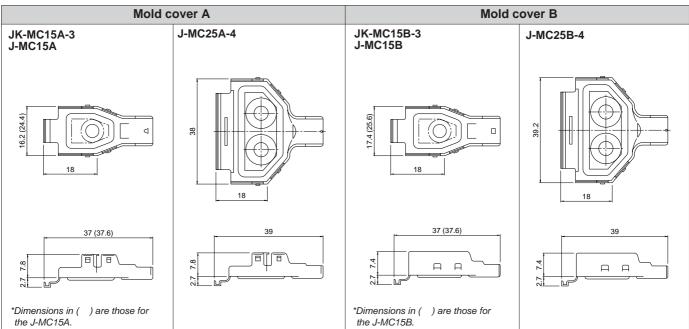
Note: Contact JST for cables other than those listed above.

Ferrule

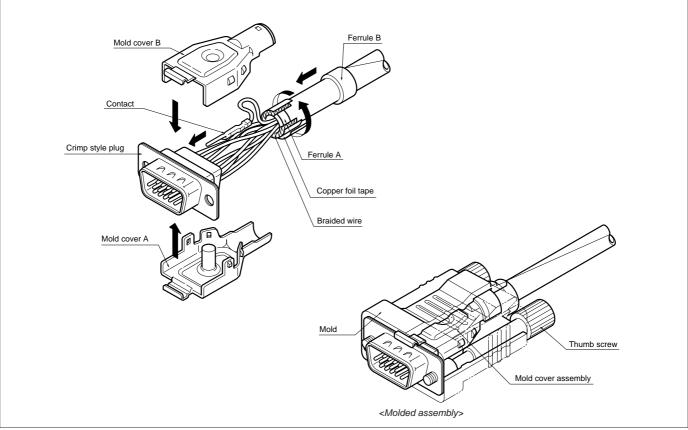


Circ	Ferrule	Dimensions (mm)			
J series	JK series	renule	φD	Т	L
9 • 25	15	A	8.0	0.5	4.0
		В	11.3	0.6	8.0
15	_	Α	7.0	0.5	4.0
		В	10.5	0.6	8.0

RoHS compliance



Mold cover assembly procedure



Note: Customers please prepare mold and thumb screws on your own.

Assembly procedure

1. Processing braided shielding wire

Pass the cable through ferrule B and remove the insulation at the end of the cable. Install ferrule A and fold back the braided shielding wire along the outside insulation. Then wind the copper foil tape around the shielding wire.

2. Connecting the wires to the contacts

Connect the wires to the contacts by crimping and insert the contacts into the housing.

3. Assembling the mold covers

Align mold cover B with mold cover A and press mold cover B until it engages the lances of mold cover A. Install ferrule B over the cable holding section of the cover assembly and crimp ferrule B. This completes the assembly.

Circ	cuits	5 .	M. LIN	M	
J series	JK series	Parts name	Model No.	Material and Finish	Q'ty/bag
	Mold cover A JK-MC15A-3		Steel, copper-undercoated, nickel-plated	500	
9	15	Mold cover B	JK-MC15B-3	Steel, copper-undercoated, nickel-plated	500
9	15	Ferrule A	JK-FL15A-8.0C	Connection plated	1,000
		Ferrule B	JK-FL15B-11.3	Copper, tin-plated	500
	-	Mold cover A	J-MC15A	Steel, copper-undercoated, nickel-plated	200
15		Mold cover B	J-MC15B	Steel, copper-undercoated, nickel-plated	200
		Ferrule B	J-FL15B-10.5	Copper, tin-plated	500
		Mold cover A	J-MC25A-4	Otaal assessment and additional alated	250
25	_	Mold cover B	J-MC25B-4	Steel, copper-undercoated, nickel-plated	250
25		Ferrule A	JK-FL15A-8.0C	Connect tip plated	1,000
		Ferrule B	JK-FL15B-11.3	Copper, tin-plated	500

RoHS compliance

Crimping machine, Applicator

Contact	Crimping	Applicator				
	machine	Crimp applicator	Dies	Crimp applicator with dies		
JK-FL15B-11.3	AD KON	MKS-L-RG	MK/JK-MC15	APLMK JK-MC15		
J-FL15B-10.5	AP-K2N	MKS-L-RG	MK/J-MC15	APLSC JK-MC15		



DSUBMINIATURE J SERIES

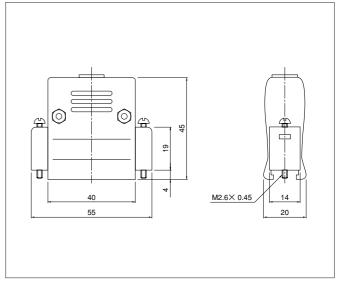
Accessories/Covers

JIS STYLE PLASTIC COVER (for 25-circuit J series connectors)



Features

- Molded plastic cover.
- This cover can be used together with the hexagonal and rectangular metric lock screws specified in JIS-C-6361.
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.
- * Compliant with RoHS.



Model No.	Parts in one set	Cover material	Q'ty/ box
JCB-25M	Covers 2 pcs. Lock screw 2 pcs. Cable clamp 2 pcs. Cover screws and nuts 2 pcs. for each Clamp screws 2 pcs.	ABS resin	10



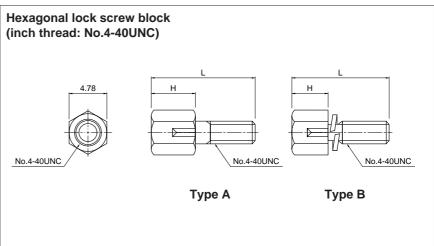
DSUBMINIATURE J.JH.JK & KH SERIES

Accessories/Lock screw block

A varietly of accessories are available for the D subminiature connectors.

LOCK SCREW BLOCK

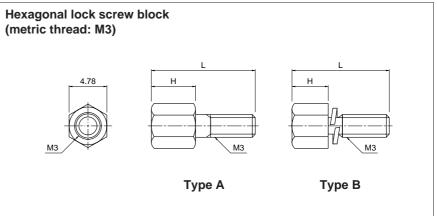




Applicable series Dimension / Model No.	J series right angle through- hole type JK series straight through- hole type	JK series right angle through- hole type	J series straight through- hole type	JH series right angle through- hole type KH series right angle through- hole type	Dimension H (mm)	Туре	Attachment	Q'ty/ box	
Dimension L (mm)	13.1	15.0	10.0	11.8					
	JFS-4S-C1N	KFS-4S-C1N	_	_	5.5			Spring washer 1 pc. Nut 1 pc.	
	JFS-4S-B1W	KFS-4S-B1W	SFS-4S-B1W	HFS-4S-B1W	4.8	Α	Consideration Annual Consideration		
Model No.	JFS-4S-C1W	KFS-4S-C1W	_	_	5.5		Spring washer 1 pc.	2,000	
	JFS-4S-B1WM	KFS-4S-B1WM	SFS-4S-B1WM	HFS-4S-B1WM	4.8	- Hexagonal lock screw &	Hexagonal lock screw &		
	JFS-4S-C1WM	KFS-4S-C1WM	SFS-4S-C1WM	HFS-4S-C1WM	5.5	В	spring washer are integrated		

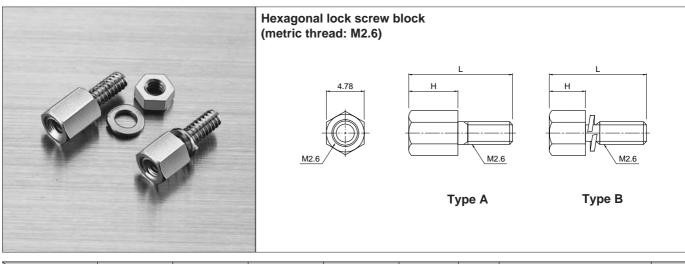
RoHS compliance





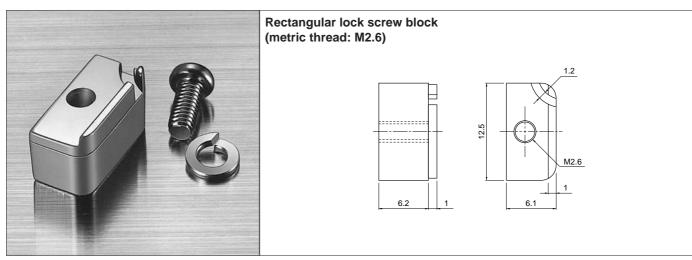
Applicable series Dimension / Model No.	J series right angle through- hole type JK series straight through- hole type	JK series right angle through- hole type	J series straight through- hole type	JH series right angle through- hole type KH series right angle through- hole type	Dimension H (mm)	Туре	Attachment	Q'ty/ box
Dimension L (mm)	13.1	15.0	10.0	11.8				
	JFS-3S-C1N	_	_	_	5.5	А	Spring washer 1 pc. Nut 1 pc.	
	JFS-3S-B1W	_	SFS-3S-B1W	_	4.8		On singular transfer of the same	
Model No.	_	KFS-3S-C1W	SFS-3S-C1W	HFS-3S-C1W	5.5		Spring washer 1 pc.	2,000
	_	_	SFS-3S-B1WM	HFS-3S-B1WM	4.8	_	Hexagonal lock screw &	
	JFS-3S-C1WM	KFS-3S-C1WM	SFS-3S-C1WM	HFS-3S-C1WM	5.5	В	spring washer are integrated	

D SUBMINIATURE CONNECTOR J.JH.JK&KH SERIES



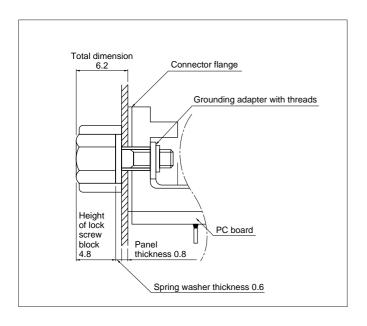
Applicable series Dimension / Model No.	J series right angle through- hole type JK series straight through- hole type	JK series right angle through- hole type	J series straight through- hole type	JH series right angle through- hole type KH series right angle through- hole type	Dimension H (mm)	Туре	Attachment	Q´ty/ box	
Dimension L (mm)	13.1	15.0	10.0	11.8					
	JFS-2.6S-C1N	_	_	_	5.5			Spring washer 1 pc. Nut 1 pc.	
	JFS-2.6S-B1W	KFS-2.6S-B1W	SFS-2.6S-B1W	HFS-2.6S-B1W	4.8	Α	One time was about 1 and		
Model No.	_	KFS-2.6S-C1W	_	HFS-2.6S-C1W	5.5		Spring washer 1 pc.	2,000	
	JFS-2.6S-B1WM	KFS-2.6S-B1WM	SFS-2.6S-B1WM	HFS-2.6S-B1WM	4.8	В	Hexagonal lock screw &		
	JFS-2.6S-C1WM	KFS-2.6S-C1WM	SFS-2.6S-C1WM	HFS-2.6S-C1WM	5.5	В	spring washer are integrated		

RoHS compliance



Model No.	Attachment	Q´ty/box
JFS-2.6R-N	Spring washer 1 pc. Set screw 1 pc.	1,000

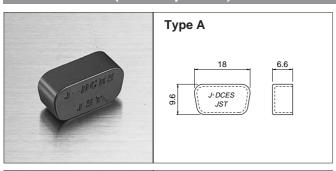
D SUBMINIATURE CONNECTOR J.JH.JK&KH SERIES



Application examples of hexagonal lock screw blocks

- The resulting total dimension from the connector flange to the top of the hexagonal lock screw block must be 6.2 mm after assembly.
- The D subminiature connector can be installed on the Panel by simply tightening the hexagonal lock screw block together with grounding adapter, which has an identical thread to that of the F, G, and H types.

DUST COVER (for receptacles)



	Туре В
J-PGFS-1	18 \$\phi 3\$ 7.4 \[\text{\$\phi\$} \] \[\text{\$\subset J.DCES-1} \] \[\text{\$\subset J.ST} \] \[\text{\$\subset 25} \] \[\text{33} \]

Туре	Circuits		Model No.	Q´ty/box
	J series	JK series	iviodei No.	Q ty/box
Α	0	15	J-DCES	1,000
В	9		J-DCES-1	

Material
PA, UL94V-0, black

RoHS compliance

EXTRACTION TOOL



With this tool, contacts (connected to wires by crimping) can be easily removed if they are improperly inserted into plug and receptacle housings.

Appli	Applicable Connector		
J series		DEJ-0.3	
JK series	Plug	KEJ-0.7	
JK Series	Receptacle	KEJ-0.4	

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