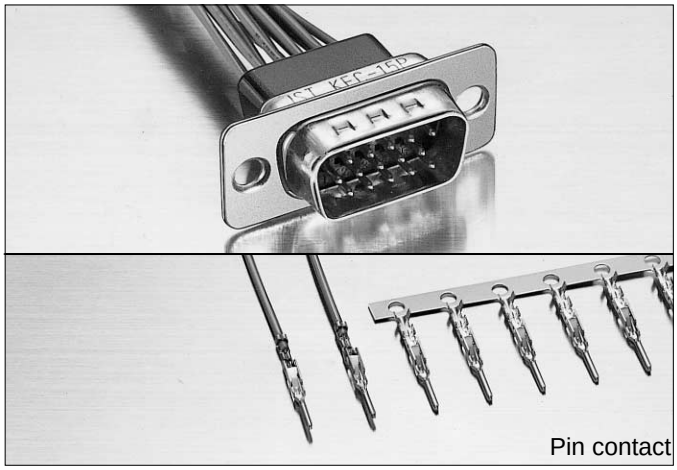
D SUBMINIATURE CONNECTOR JK SERIES

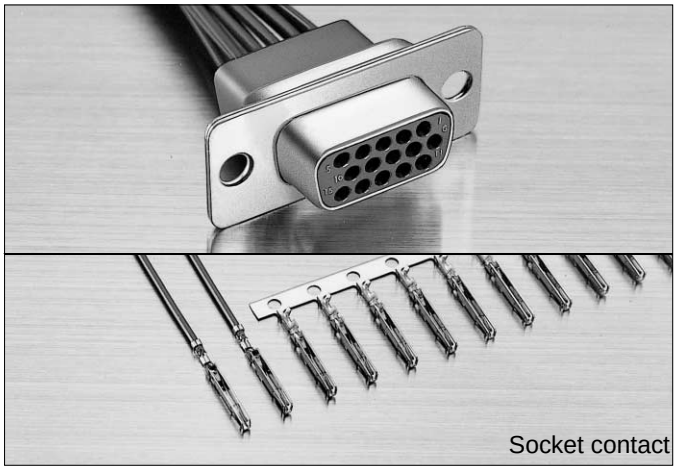
Crimp style plug and receptacle

D-sub JK

CRIMP STYLE PLUG AND RECEPTACLE



Crimp style plug



Crimp style receptacle

Features

- The dimples in the shell provide the ground connection and are an important factor in preventing electromagnetic interference.
- The contact has a retention lance that makes assembly to the housing smooth and secure.

Standards

Recognized E60389 Certified LR20812

* Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Specifications

Materials

Connector	Part name	Material and Finish
Plug	Pin contact	Brass, nickel-undercoated, selective gold-plated
	Insulator	Glass-filled PBT, UL94V-0, black
	Shell	Steel, copper-undercoated, tin-plated
Receptacle	Socket contact	Phosphor bronze, nickel-undercoated, selective gold-plated
	Insulator	Glass-filled PBT, UL94-0, black
	Shell	Steel, copper-undercoated, tin-plated

Characteristics

Current rating	1.0A, AC, DC(AWG #24)
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

Note: Contact JST for details.

Model number identification

Contact

JK — S P 2 1 40

- Series name
- Product shape: S ... Chain, B ... Loose piece
- Type of contact: P ... Pin contact, S ... Socket contact
- Applicable wire: 2 ... AWG #28 to #24
- Material: 1 ... Brass(Pin contact), 3 ... Phosphor bronze(Socket contact)
- Finish
  - 40 ... Gold-plated (flash)
  - 42 ... 0.2micron(8micro-inch) gold-plated
  - 43 ... 0.4micron(16micro-inch) gold-plated
  - 43 ... 0.76micron(30micro-inch) gold-plated

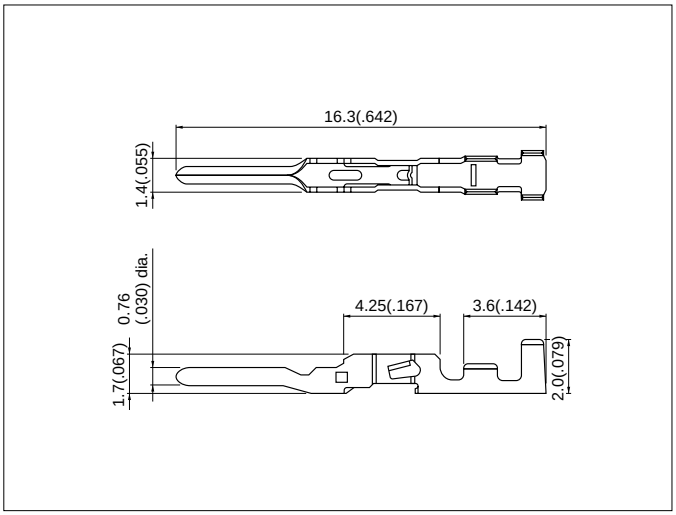
Note: Contact JST for special plating requirements.

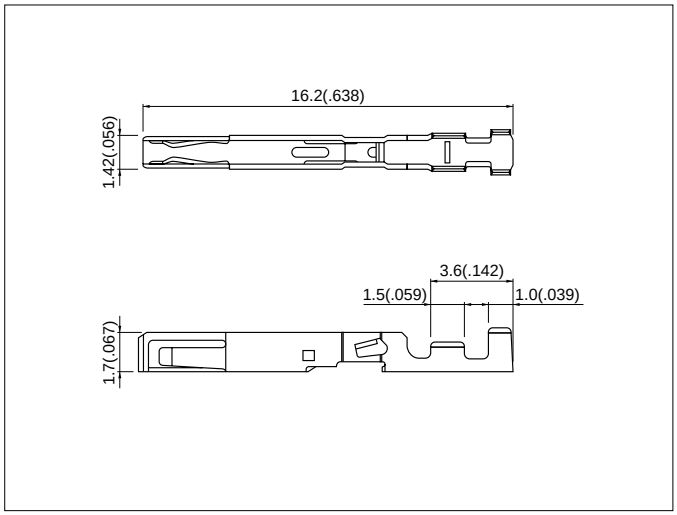
Housing

K E C — 15 P

- Series name
- Shell size: E
- Wire connection style: C ... Crimp style
- Number of circuits: 15
- Connector type: P ... Plug, S ... Receptacle

Pin contact (for plug housing) ––––––––– Socket contact (for receptacle housing) –––

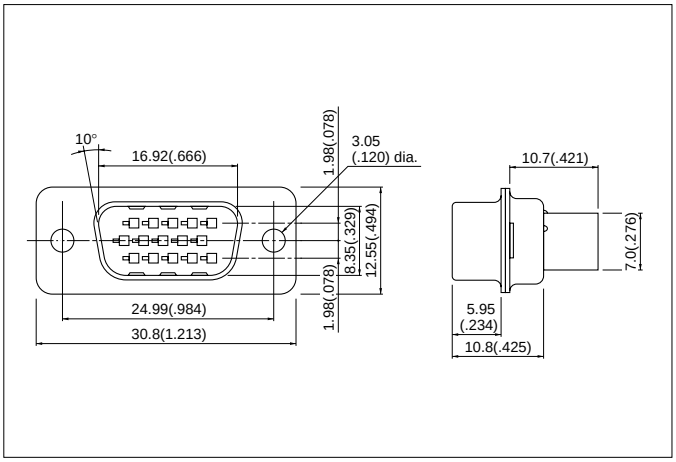


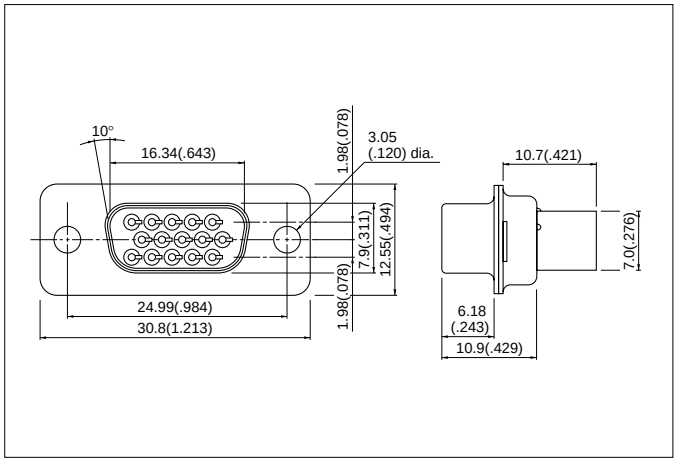


Model No.		Finish at mating part	Applicable wire		Q´ty / box
Pin contact	Socket contact		AWG #	Insulation O.D. mm(in.)	
JK-SP2140	**JK-SS2340**	Selective gold-plated (flash)	#28 to #24	0.9 to 1.4mm (.035" to .055")	10,000
JK-SP2144	**JK-SS2344**	Selective gold-plated 0.76micron(30micro-inch)			

*Note: Models marked * are not CSA certified.*

Plug housing ––––––––––––––––––––– Receptacle housing ––––––––––––––––––





Circuits	Model No.	Q´ty / box
15	**KEC-15P**	100

Circuits	Model No.	Q´ty / box
15	**KEC-15S**	100

Applicator for the semi-automatic press AP-K2N ––––––––––––––––––––––––––––

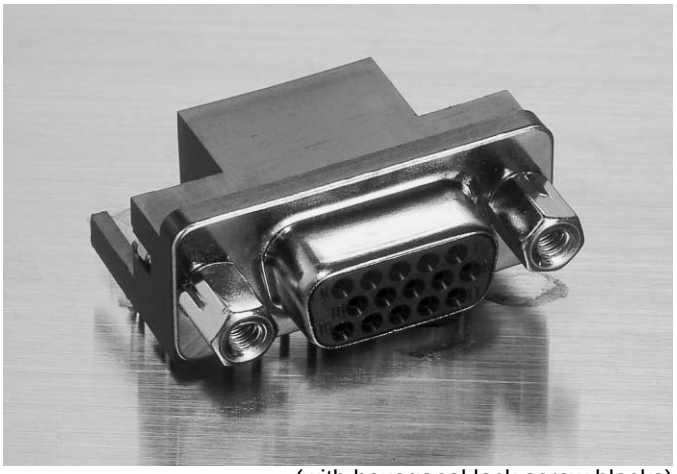
Contact	Crimp applicator MKS-L		Compact crimp applicator MKS-LS		Strip-crimp applicator MKS-SC
	with safety cover	without safety cover	with safety cover	without safety cover	with safety cover
JK-SP2***	APLMK JK-SP/SS2	APLNC JK-SP/SS2	–	–	APLSC JK-SP/SS2
JK-SS2***	APLMK JK-SP/SS2	APLNC JK-SP/SS2	–	–	APLSC JK-SP/SS2

D-sub JK

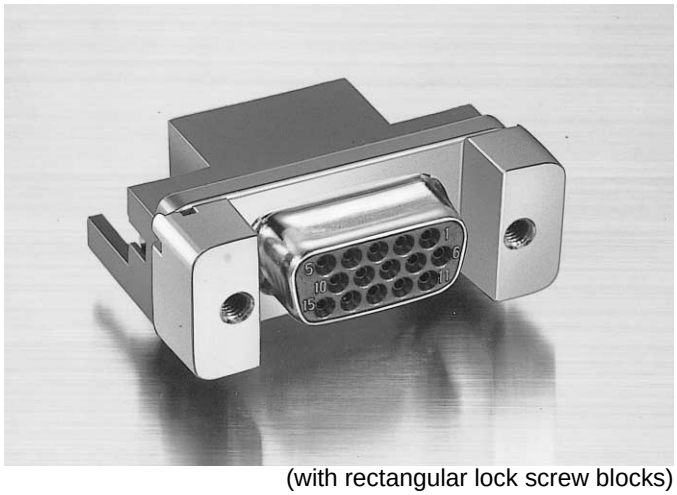
D SUBMINIATURE CONNECTOR JK SERIES

Right angle through-hole plug and receptacle

RIGHT ANGLE THROUGH-HOLE RECEPTACLE



(with hexagonal lock screw blocks)



(with rectangular lock screw blocks)

Features

- The mating section of the contact has a twin-contact style construction with uniform elasticity to ensure a reliable contact even when repeatedly mated and unmated.
- A wide variety of grounding adapters are available so that the receptacle can be grounded to the circuitry of a printed circuit board to prevent electromagnetic interference.

Standards

Recognized E60389 Certified LR20812

* Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Specifications

Materials

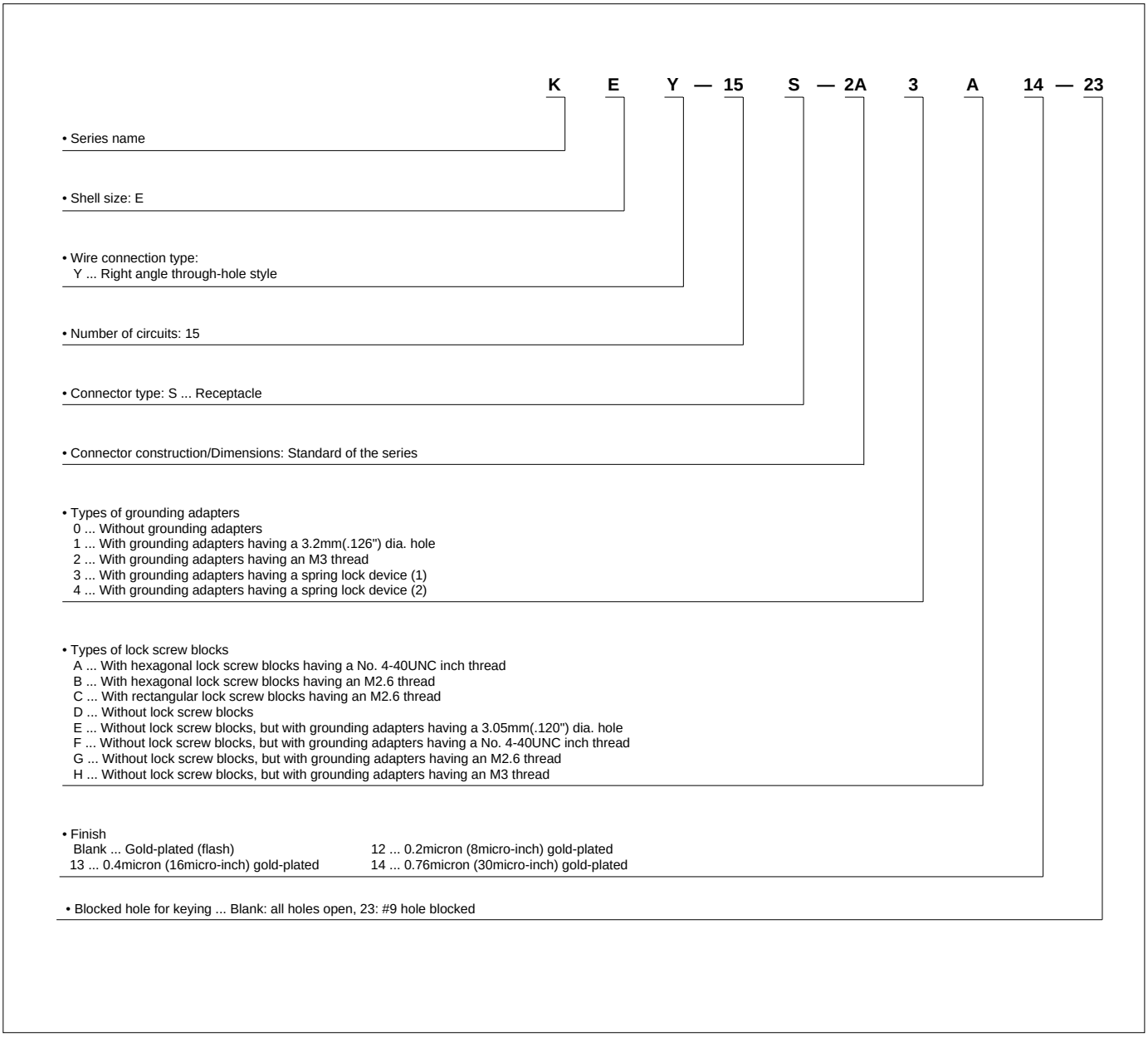
Part name	Material and Finish
Contact	Phosphor bronze, nickel-undercoated, selective gold-plated
Insulator	Glass-filled PBT, UL94V-0, black
Shell	Steel, copper-undercoated, nickel-plated
Grounding adapter having a 3.2mm(.126") dia. hole	Steel, copper-undercoated, nickel-plated
Grounding adapter having an M3 tapped hole	Steel, copper-undercoated, nickel-plated
Grounding adapter having a spring lock device	Brass, copper-undercoated, tin/lead-plated

Characteristics

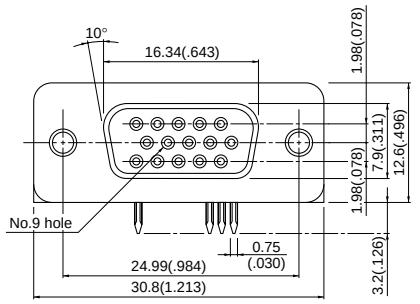
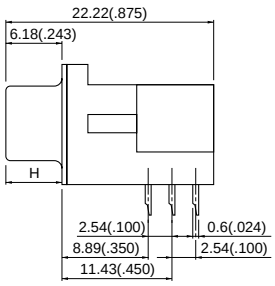
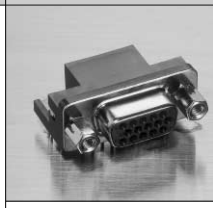
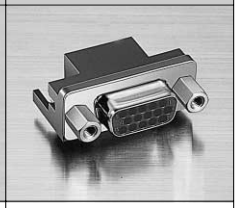
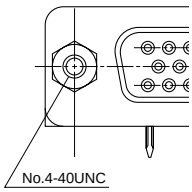
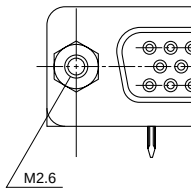
Current rating	1.0A, AC, DC
Voltage rating	250V AC, DC
Temperature range	-40˚C to +85˚C (including temperature rise in applying electrical current)
Contact resistance	Initial value/15mΩ max. After environmental testing/30mΩ max.
Insulation resistance	5,000MΩ min.
Withstandhing voltage	1,000V AC/minute
Applicable PC board thickness	1.6mm (.063 ")

Note: Contact JST for details.

Model number identification



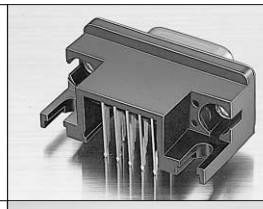
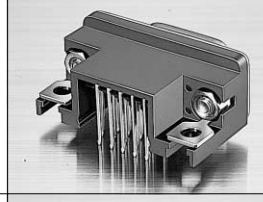
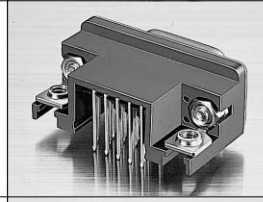
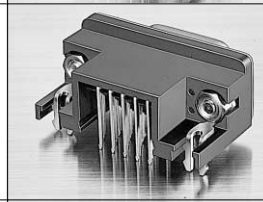
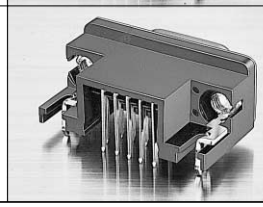
Note: Contact JST for special plating requirements.

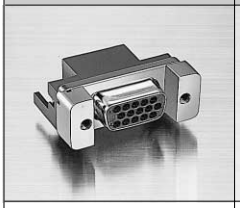
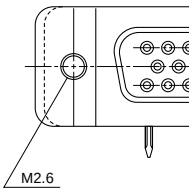
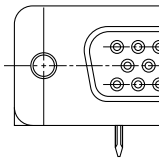
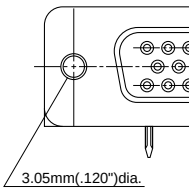
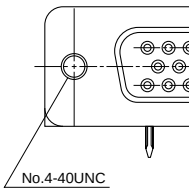
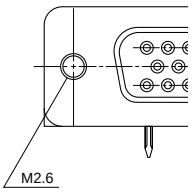
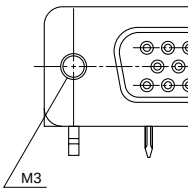
Right angle through-hole receptacle		Type A	Type B
 			
		With hexagonal lock screw blocks (H: 6.3mm (.248")) having a No.4-40UNC inch thread	With hexagonal lock screw blocks (H: 6.3mm (.248")) having an M2.6 thread
			

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

Cir-cuits	Model No.		Q´ty / box
	Gold-plated (flash) receptacle	Gold-plated [0.76micron(30micro-inch)] receptacle with No.9 hole blocked	
15	**KEY-15S-2A****	**KEY-15S-2A**14-23**	100(☆)

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 adapters is required, specify the model number as KEY-15S-2A0A.*
(☆) Type C...60

			Type A	Type B
Without grounding adapters			0A	0B
With grounding adapters with a 3.2mm (.126") dia. hole			1A	1B
With grounding adapters with an M3 thread			2A	2B
With grounding adapters with a spring lock lever (1)			3A	3B
With grounding adapters with a spring lock device (2)			—	—

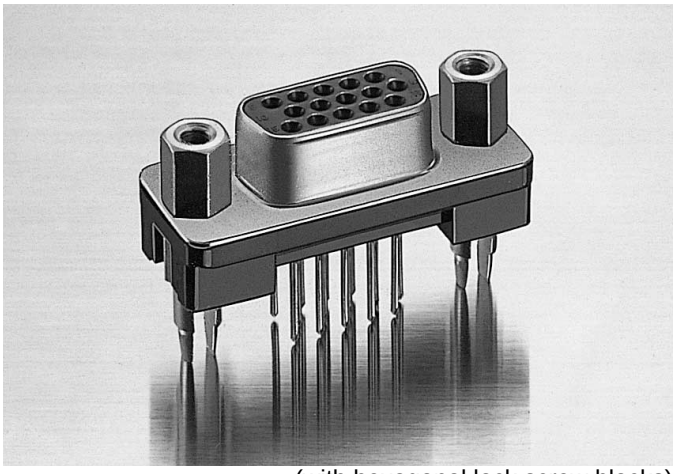
Type C	Type D	Type E	Type F	Type G	Type H
					
With rectangular lock screw blocks (H: 6.2mm (.244")) having an M2.6 thread	Without lock screw blocks	Without lock screw blocks E: Grounding adapter has no thread. F, G, H: Grounding adapters have a thread (*1) for securing separately-purchased lock screw blocks (*2)			
		Used a lock screw block [model number KFS-( )S-C1N]	*1: No.4-40UNC inch thread *2: Model number KFS-4S-( )1W(M)	*1: M2.6 thread *2: Model number KFS-2.6S-( )1W(M)	*1: M3 thread *2: Model number KFS-3S-( )1W(M)
					
0C	0D	—	—	—	—
1C	1D	1E	1F	1G	—
2C	2D	2E	2F	2G	—
3C	3D	3E	3F	3G	—
—	—	—	—	—	4H

D SUBMINIATURE CONNECTOR JK SERIES

Straight through-hole receptacle

D-sub JK

STRAIGHT THROUGH-HOLE RECEPTACLE



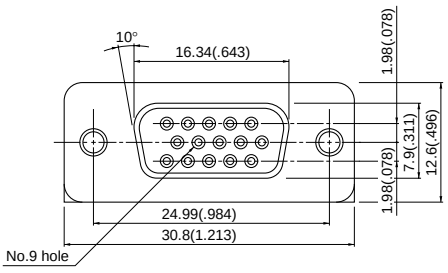
(with hexagonal lock screw blocks)

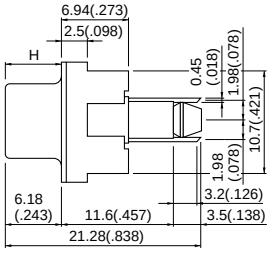
(without lock screw blocks)

Features

- The mating section of the contact has a twin-contact style construction with uniform elasticity to ensure a reliable contact even when repeatedly mated and unmated.
- A grounding adapter with a spring lock device allows the connector to be temporarily secured on the printed circuit board so that the connector can be soldered easily.

Straight through-hole receptacle | **Type A**



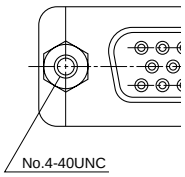


H: Height of the lock screw block (for Types A & B)

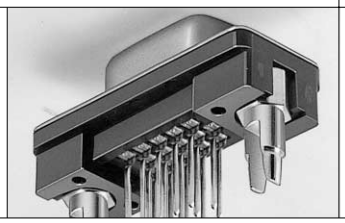
Cir-cuits	Model No.		Q´ty / box
	Gold-plated (flash) receptacle	Gold-plated [0.76micron(30micro-inch)] receptacle with No.9 hole blocked	
15	**KES-15S-2A****	**KES-15S-2A**14-23**	100

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 with grounding adapters having a spring lock device is required, specify the model number as KES-15S-2A3A.*

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



With grounding adapters with a spring lock device



3A

Standards

Recognized E60389 Certified LR20812

* Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Specifications

Materials

Part name	Material and Finish
Contact	Phosphor bronze, nickel-undercoated, selective gold-plated
Insulator	Glass-filled PBT, UL94V-0, black
Shell	Steel, copper-undercoated, nickel-plated
Grounding adapter	Brass, copper-undercoated, tin/lead-plated

Characteristics

Current rating	1.0A, 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")

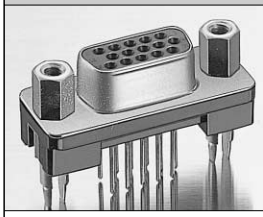
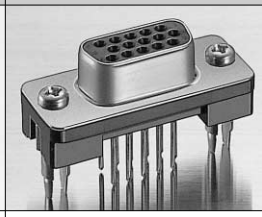
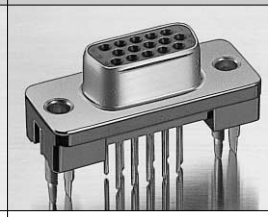
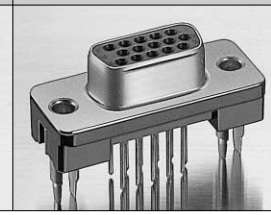
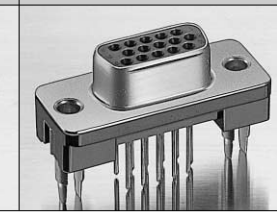
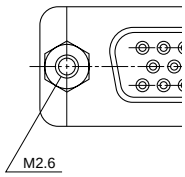
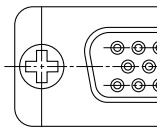
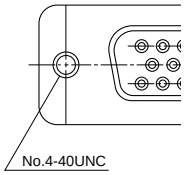
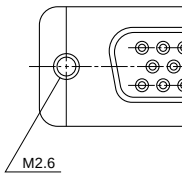
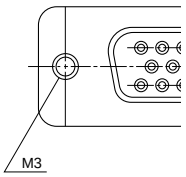
Note: Contact JST for details.

Model number identification

K E S — 15 S — 2A 3 A 14—23

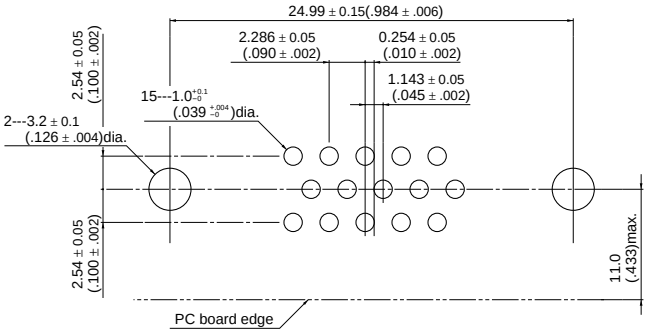
- Series name
- Shell size: E
- Wire connection type:
  S ... Straight through-hole type
- Number of circuits: 15
- Connector type: S ... Receptacle
- Connector construction/dimensions:
  Standard JK series straight through-hole type
- Type of grounding adapters
  3 ... With grounding adapters having a spring lock device
- Type of lock screw blocks
  A ... With hexagonal lock screw blocks having a No. 4-40UNC inch thread
  B ... With hexagonal lock screw blocks having an M2.6 thread
  D ... Without lock screw blocks
  F ... Without lock screw blocks, but with grounding adapters having a No. 4-40UNC inch thread
  G ... Without lock screw blocks, but with grounding adapters having an M2.6 thread
  H ... Without lock screw blocks, but with grounding adapters having an M3 thread
- Finish
  Blank ... Gold-plated (flash)
  12 ... 0.2micron(8micro-inch) gold-plated
  13 ... 0.4micron(16micro-inch) gold-plated
  14 ... 0.76micron(30micro-inch) gold-plated
- Blocked hole for keying ... Blank: all holes open, 23: #9 hole blocked

Note: Contact JST for special plating requirements.

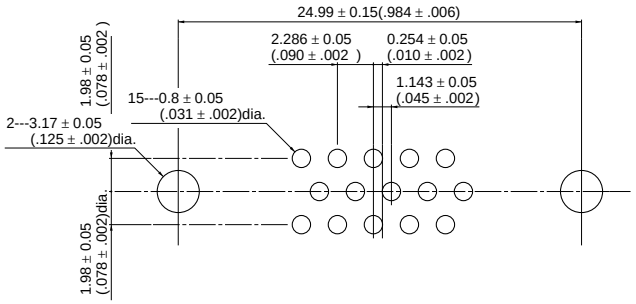
Type B	Type D	Type F	Type G	Type H
				
With hexagonal lock screw blocks (H: 6.3mm (.248")) having an M2.6 thread	Without lock screw blocks	Without lock screw blocks F, G, H: Grounding adapters have a thread (*1) for securing separately-purchased lock screw blocks (*2)		
		*1: No.4-40UNC inch thread *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) 
3B	3D	3F	3G	3H

PC board layout (viewed from component side)

Right angle through-hole type

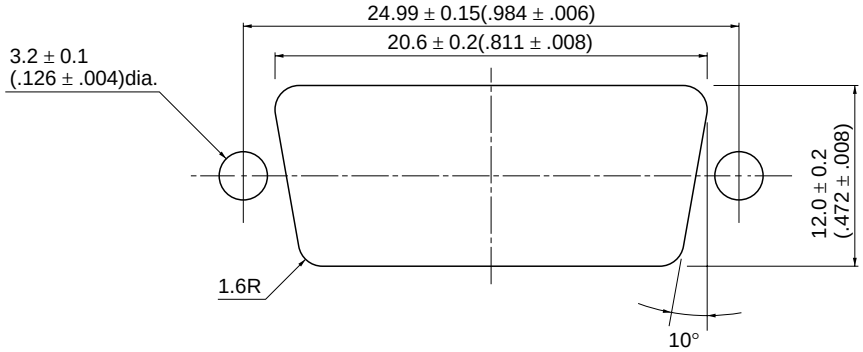


Straight through-hole type



Note:
1. Tolerances are non-cumulative: ±0.05mm (±.002") for all centers.
2. Hole dimensions differ according to the kind 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.

Accessories

D SUBMINIATURE CONNECTOR J&JK SERIES

EMI prevention shielding cover (J cover)

J COVER

Features

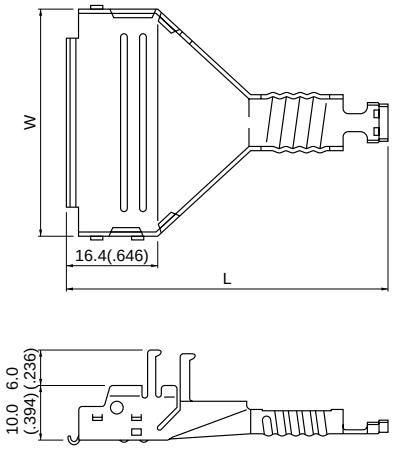
- This shielding cover is made of steel, formed by our advanced stamping technology, and nickel-plated.
- The box-shaped cover completely encloses such EMI radiating areas as the connections between the connector and wires. The result is a superior shielding effect.
- To install the shielding cover, 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.

* Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Applicable cable dimensions

Circuits		Cable outer diameter mm(in.)
J series	JK series	
9	15	7.0 ±0.2(.276±.008)
15	—	
25	—	8.0 ±0.2(.315±.008)
37	—	10.0 ±0.2(.394±.008)

Shielding cover A

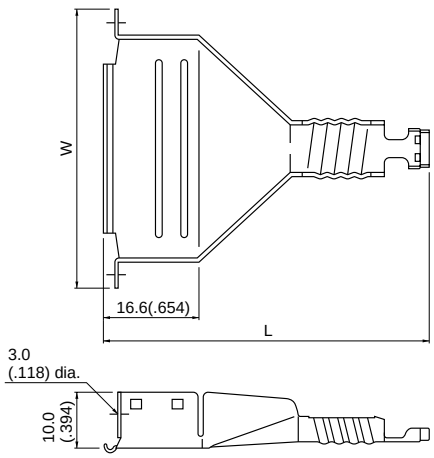


J series		JK series		Dimensions mm(in.)		Q'ty / box
Cir-cuits	Model No.	Cir-cuits	Model No.	W	L	
9	**J-SC 9A**	15	**JK-SC15A**	19.4(.764)	42.0(1.654)	200
15	**J-SC15A**	—	—	27.6(1.087)	46.9(1.846)	150
25	**J-SC25A**	—	—	41.4(1.630)	57.0(2.244)	100
37	**J-SC37A**	—	—	57.8(2.276)	70.6(2.780)	125

Material and Finish
Steel, copper- undercoated, nickel-plated

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

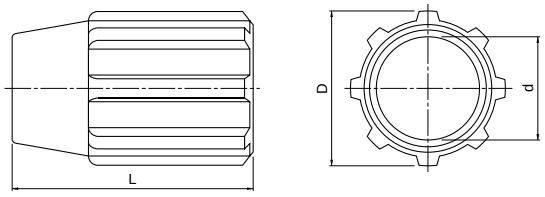


Circuits		Model No.	Dimensions mm(in.)		Q'ty / box
J series	JK series		W	L	
9	15	**J-SC 9B**	30.0(1.181)	[42.0(1.654)]	200
15	—	**J-SC15B**	38.0(1.496)	[49.7(1.957)]	150
25	—	**J-SC25B**	52.0(2.047)	[57.0(2.244)]	150
37	—	**J-SC37B**	68.0(2.677)	[70.6(2.780)]	100

Material and Finish
Steel, copper-undercoated, nickel-plated

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

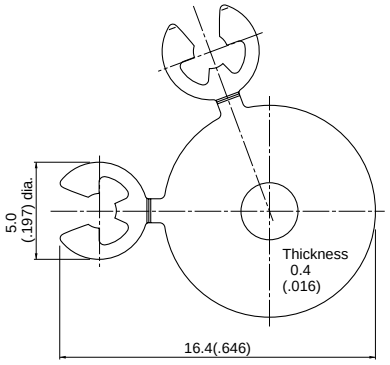
Cover nut



Cir-cuits	Model No.	D	d	L	Q'ty / box
9	**J-CN9 . 15**	13.6(.535)	7.2(.283)	19.0(.748)	1,000
15					
25	**J-CN25**	16.4(.646)	8.4(.331)	25.0(.984)	1,000
37	**J-CN37**	18.8(.740)	10.4(.409)	28.0(1.102)	1,500

Material
Glass-filled, PBT, UL94V-0, black

E-ring

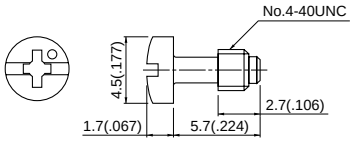
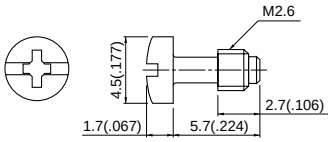
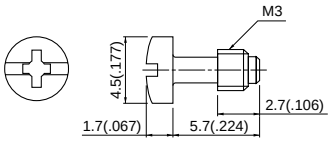


Model No.	Q'ty / box
J-ER	5,000

Material
Stainless steel

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

Lock screw

No.4-40UNC (Inch thread)	M2.6 (Metric thread)	M3 (Metric thread)
		

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

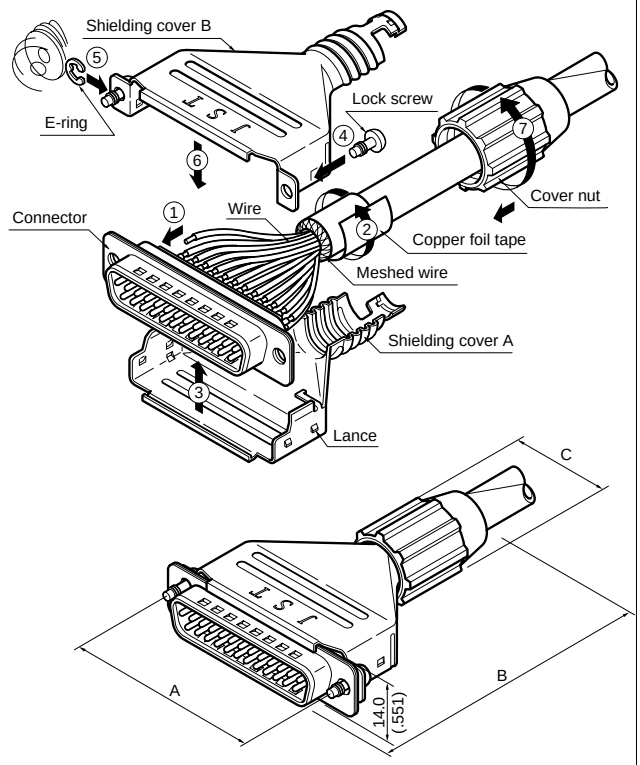
Use the following Model Nos. when ordering J-covers as a set.

J series		JK series		Parts in one set	Q'ty / box
Circuits	Model No.	Circuits	Model No.		
9	**J-C 9-( )C**	15	**JK-C15-( )C**	Shielding cover A ····· 1 pc. Shielding cover B ····· 1 pc. Cover nut ····· 1 pc. Lock screw ····· 2 pcs. E-ring ····· 1 set	25
15	**J-C15-( )C**	—	—		25
25	**J-C25-( )C**	—	—		20
37	**J-C37-( )C**	—	—		10

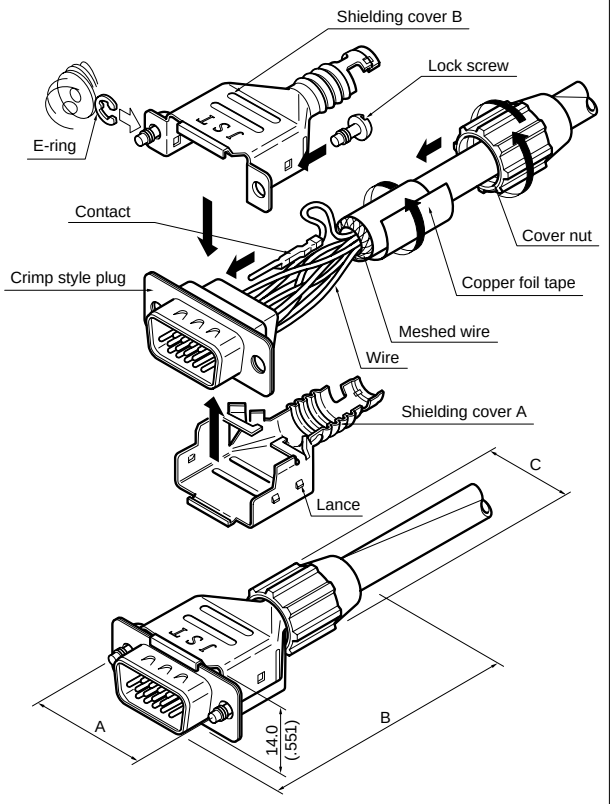
Note: In the above lock screw model numbers, the number in parentheses indicates the type of screw-1: Inch thread (No.4-40UNC), 2: Metric thread (M2.6), 3: Metric thread (M3).

J-cover assembly procedure ––

J series



JK series



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

Circuits		Dimensions mm(in.)		
J series	JK series	A	B	C
9	15	24.99(.984)	[49.0(1.929)]	13.6(.535)
15	—	33.32(1.312)	[53.0(2.087)]	13.6(.535)
25	—	47.04(1.852)	[64.5(2.539)]	16.4(.646)
37	—	63.50(2.500)	[78.5(3.091)]	18.9(.744)

D SUBMINIATURE CONNECTOR J&JK SERIES

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.

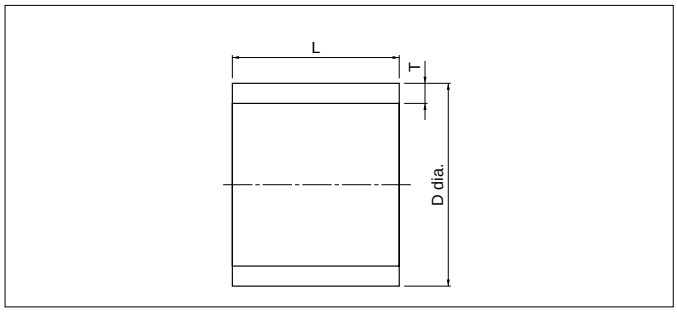
* Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Applicable cable diameter

Circuits		Cable O.D.mm(in.)
J series	JK series	
9	15	8.6±0.2(.339±.008)
15	—	7.6±0.2(.299±.008)
25	—	8.6±0.2(.339±.008)

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

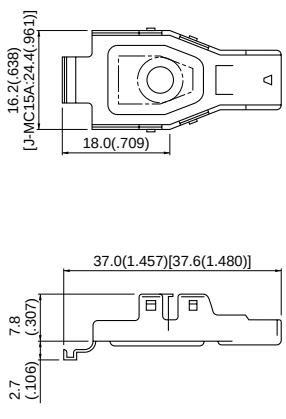
Ferrule



Circuits		Ferrule	Dimensions mm(in.)		
J series	JK series		D dia.	T	L
9, 25	15	A	8.0(.315)	0.5(.020)	4.0(.157)
		B	11.3(.445)	0.6(.024)	8.0(.315)
15	—	A	7.0(.276)	0.5(.020)	4.0(.157)
		B	10.5(.413)	0.6(.024)	8.0(.315)

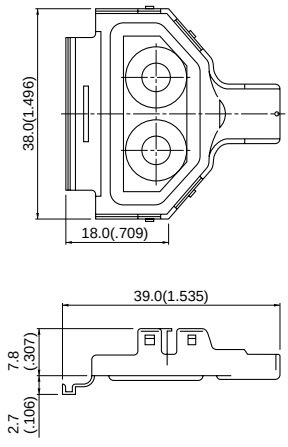
Mold cover A

JK-MC15A-3
J-MC15A



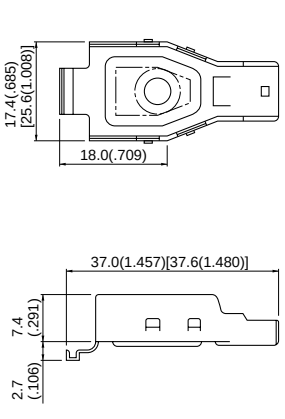
**Dimensions in [ ]are those for the J-MC15A.*

J-MC25A-4



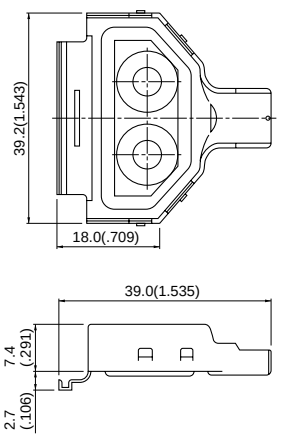
Mold cover B

JK-MC15B-3
J-MC15B

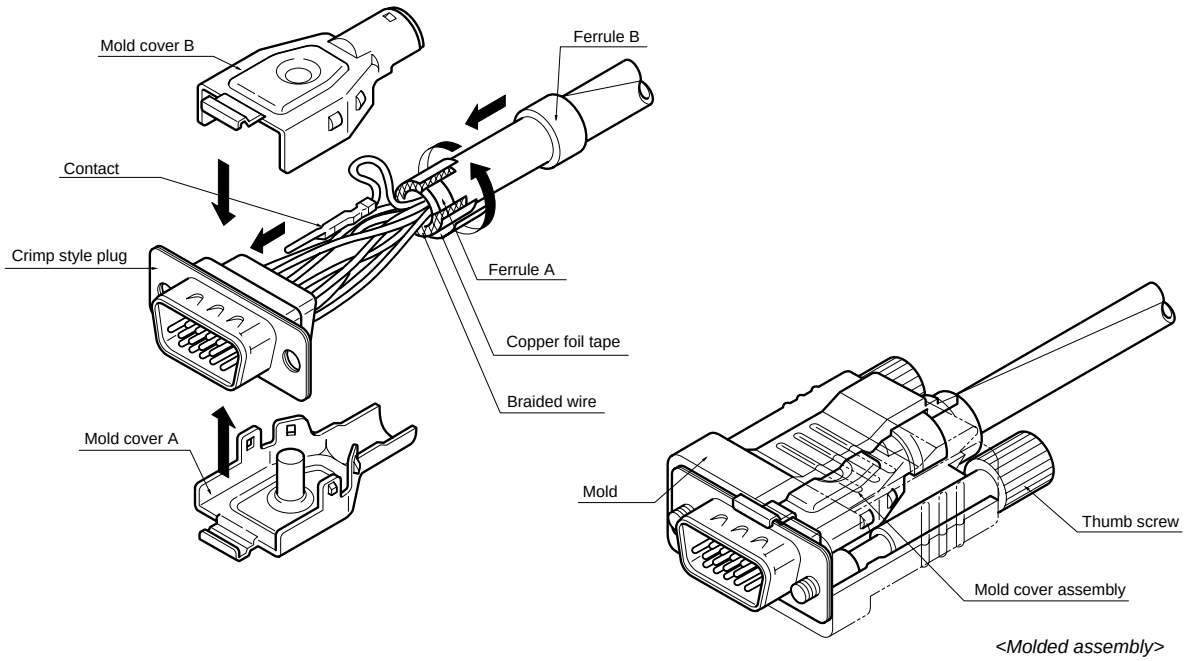


**Dimensions in [ ]are those for the J-MC15B.*

J-MC25B-4



Mold cover assembly procedure



Note: Contact JST for thumb screws.

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.

Circuits		Parts name	Model No.	Material and Finish	Q'ty / box or bag
J series	JK series				
9	15	Mold cover A	**JK-MC15A-3**	Steel, copper-undercoated, nickel-plated	500
		Mold cover B	**JK-MC15B-3**		
		Ferrule A	**JK-FL15A-8.0C**	Copper, tin-plated	1000
		Ferrule B	**JK-FL15B-11.3**		500
15	—	Mold cover A	**J-MC15A**	Steel, copper-undercoated, nickel-plated	200
		Mold cover B	**J-MC15B**		
		Ferrule A	**J-FL15A-7.0C**	Copper, tin-plated	1000
		Ferrule B	**J-FL15B-10.5**		500
25	—	Mold cover A	**J-MC25A-4**	Steel, copper-undercoated, nickel-plated	250
		Mold cover B	**J-MC25B-4**		
		Ferrule A	**JK-FL15A-8.0C**	Copper, tin-plated	1000
		Ferrule B	**JK-FL15B-11.3**		500

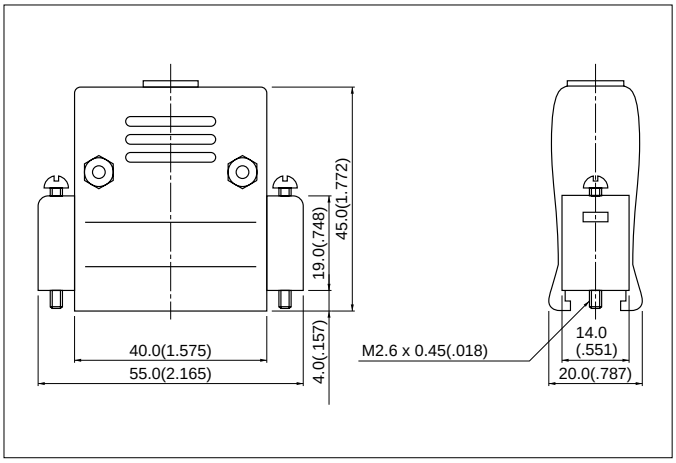
Applicator for the semi-automatic press AP-K2N

Contact	Crimp applicator MKS-RG	
	with safety cover	without safety cover
JK-FL15B-11.3	APLMK JK-MC15	APLNC JK-MC15
J-FL15B-10.5	APLMK J-MC15	APLNC J-MC15

D SUBMINIATURE CONNECTOR J&JK SERIES

Covers

EMI SHIELDING ALUMINUM DIE-CAST COVER (for 25-circuit J series connectors)



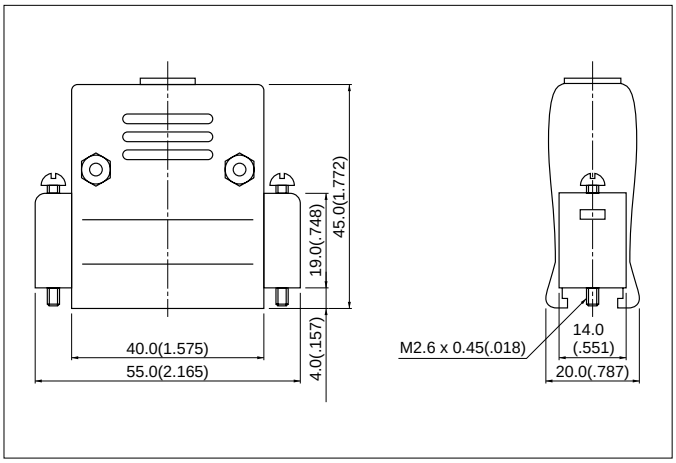
Features

- This cover is made of aluminum die-cast .
- The D subminiature connector and all its wire connections can be completely covered to provide excellent shielding.
- This EMI shielding cover can be used together with the hexagonal and rectangular metric lock screws specified in JIS-C6361. This cover is ideally suited for RS-232C cable connectors.

Model No.	Parts in one set	Cover material	Q´ty / box
JCB-25EM	Cover A - 1 pc. Cover B - 1 pc. Lock screw - 2 pcs. Cable clamp - 2 pcs. Cover screws and nuts - 2 pcs. for each Clamp screws - 4 pcs.	Aluminum die-cast	10

* Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

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.

* Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

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

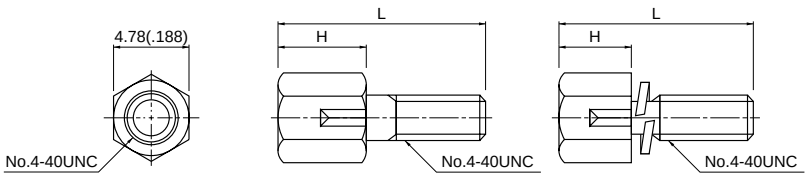
D SUBMINIATURE CONNECTOR J·JH·JK & KH SERIES

Lock screw block

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

LOCK SCREW BLOCK

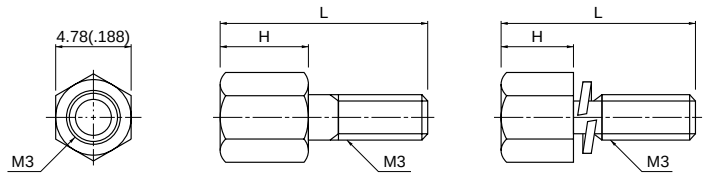
Hexagonal lock screw block
(inch thread: No.4-40UNC)



Type A **Type B**

Dimension / Model No. \ Applicable series	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(in.)	Type	Attachment	Q'ty / box
Dimension L mm(in.)	13.1(.516)	15.0(.591)	10.0(.394)	11.8(.465)				
Model No.	**JFS-4S-C1N**	**KFS-4S-C1N**	—	—	5.5(.217)	A	Spring washer .. 1 pc. Nut ..... 1 pc.	2,000
	JFS-4S-B1W	**KFS-4S-B1W**	**SFS-4S-B1W**	**HFS-4S-B1W**	4.8(.189)		Spring washer .. 1 pc.	
	JFS-4S-C1W	**KFS-4S-C1W**	**SFS-4S-C1W**	**HFS-4S-C1W**	5.5(.217)			
	JFS-4S-B1WM	**KFS-4S-B1WM**	**SFS-4S-B1WM**	**HFS-4S-B1WM**	4.8(.189)	B	Hexagonal lock screw & spring washer are integrated	
	JFS-4S-C1WM	**KFS-4S-C1WM**	**SFS-4S-C1WM**	**HFS-4S-C1WM**	5.5(.217)			

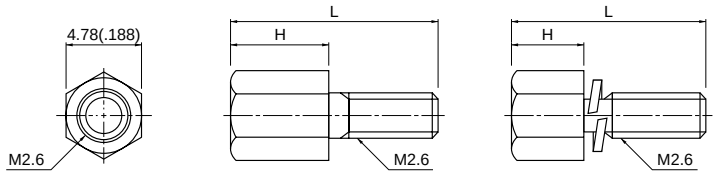
Hexagonal lock screw block
(metric thread: M3)



Type A **Type B**

Dimension / Model No. \ Applicable series	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(in.)	Type	Attachment	Q'ty / box
Dimension L mm(in.)	13.1(.516)	15.0(.591)	10.0(.394)	11.8(.465)				
Model No.	**JFS-3S-C1N**	**KFS-3S-C1N**	—	—	5.5(.217)	A	Spring washer .. 1 pc. Nut ..... 1 pc.	2,000
	JFS-3S-B1W	**KFS-3S-B1W**	**SFS-3S-B1W**	**HFS-3S-B1W**	4.8(.189)		Spring washer .. 1 pc.	
	JFS-3S-C1W	**KFS-3S-C1W**	**SFS-3S-C1W**	**HFS-3S-C1W**	5.5(.217)			
	JFS-3S-B1WM	**KFS-3S-B1WM**	**SFS-3S-B1WM**	**HFS-3S-B1WM**	4.8(.189)	B	Hexagonal lock screw & spring washer are integrated	
	JFS-3S-C1WM	**KFS-3S-C1WM**	**SFS-3S-C1WM**	**HFS-3S-C1WM**	5.5(.217)			

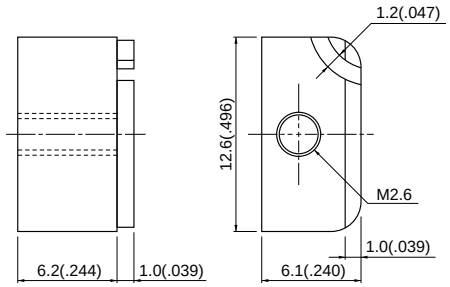
Hexagonal lock screw block (metric thread: M2.6)



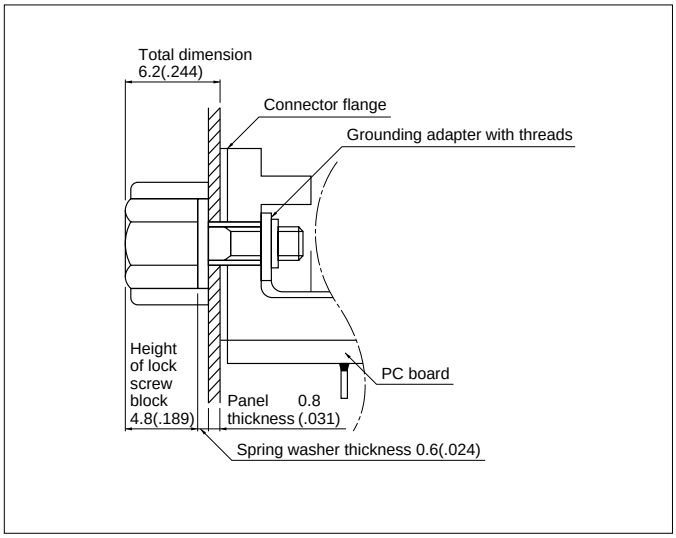
Type A **Type B**

Dimension / Model No. \ Applicable series	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(in.)	Type	Attachment	Q´ty / box
Dimension L mm(in.)	13.1(.516)	15.0(.591)	10.0(.394)	11.8(.465)				
Model No.	**JFS-2.6S-C1N**	**KFS-2.6S-C1N**	—	—	5.5(.217)	A	Spring washer .. 1 pc. Nut ..... 1 pc.	2,000
	JFS-2.6S-B1W	**KFS-2.6S-B1W**	**SFS-2.6S-B1W**	**HFS-2.6S-B1W**	4.8(.189)		Spring washer .. 1 pc.	
	JFS-2.6S-C1W	**KFS-2.6S-C1W**	**SFS-2.6S-C1W**	**HFS-2.6S-C1W**	5.5(.217)			
	JFS-2.6S-B1WM	**KFS-2.6S-B1WM**	**SFS-2.6S-B1WM**	**HFS-2.6S-B1WM**	4.8(.189)	B	Hexagonal lock screw & spring washer are integrated	
	JFS-2.6S-C1WM	**KFS-2.6S-C1WM**	**SFS-2.6S-C1WM**	**HFS-2.6S-C1WM**	5.5(.217)			

Rectangular lock screw block (metric thread: M2.6)



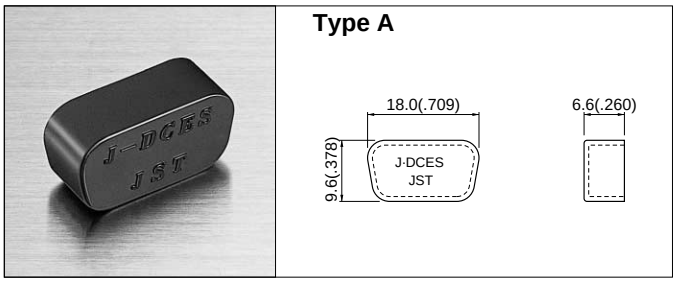
Model No.	Attachment	Q´ty / box
JFS-2.6R-N	Spring washer – 1 pc. Set screw – 1 pc.	1,000

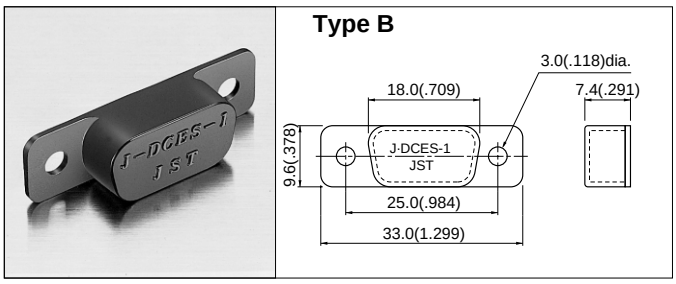


Application examples of hexagonal lock screw blocks

- The resulting total dimension from the connector flange to the top of the hexagonal lock screw block must be 6.2mm(.244") 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)





Type	Circuits		Model No.	Q´ty / box
	J series	JK series		
A	9	15	**J-DCES**	1,000
B			**J-DCES-1**	

Material
Nylon, UL94V-0, black

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.

Applicable Connector		Model No.
J series		**DEJ-0.3**
JK series	Plug	**KEJ-0.7**
	Receptacle	**KEJ-0.4**