

DSUBMINIATURE KH SERIES

Right angle through-hole socket

RIGHT ANGLE THROUGH-HOLE SOCKET

R



(with hexagonal lock screw blocks)



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

Features -

- The depth is trimmed to 13.0mm, reducing the surface mounting area by 20% compared with our JK series subminiature connectors.
- * Compliant with RoHS.
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.

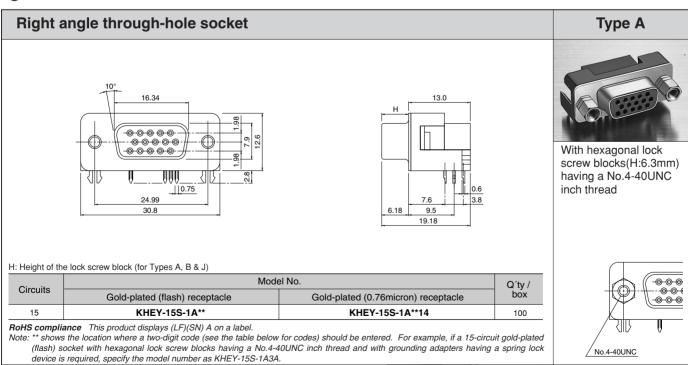
KH series JK series

3**A**

Standards -

Recognized E60389

Certified LR20812



With grounding adapters

with a spring lock device

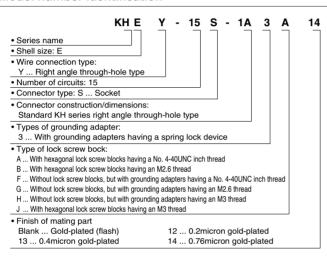
D SUBMINIATURE CONNECTOR KH SERIES

Specifications -

Materials

Part name	Material and Finish		
Contact	Phosphor bronze, nickel-undercoated, Mating part; gold-plated Solder tail; tin-plated (reflow treatment)		
Insulator	Glass-filled PBT, UL94-0, black		
Shell	Steel, copper-undercoated, nickel-plated		
Grounding adapter with spring lock device	Brass, nickel-undercoated, tin/copper alloy-plated		

Model number identification

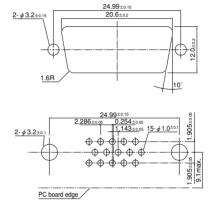


Characteristics

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/15m Ω max. After environmental testing/30m Ω max.
Insulation resistance	5,000M Ω min.
Withstanding voltage	AC1,000V/minute
Applicable PC board thickness	1.6mm

*Contact JST for details.

PC board layout (viewed from component side) and Panel layout



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

Туре В	Type D	Type F	Type G	Type H
With hexagonal lock screw blocks(H:6.3mm) having an M2.6 thread		apters have a thread (*1) fo k screw blocks (*2)	r securing separately-	With hexagonal lock screw blocks(H:6.3mm) having an M3 thread
	*1: No.4-40UNC inch thread *2: Model number HFS-4S-()1W(M)	*1: M2.6 thread *2: Model number HFS-2.6S-()1W(M)	*1: M3 thread *2: Model number HFS-3S-()1W(M)	
M2.6	No.4-40UNC	M2.6	M3	M3
3B	3F	3G	3H	3J



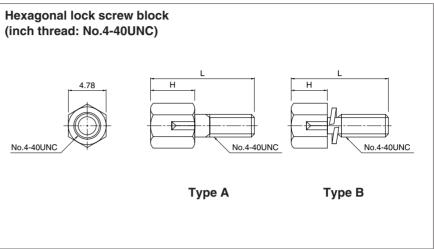
DSUBMINIATURE J.JH.JK&KH SERIES

Accessories/Lock screw block

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

LOCK SCREW BLOCK

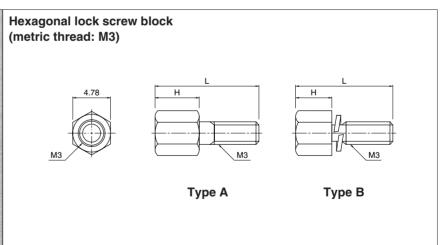




Applicable series Dimension / Model No.	J series right angle through- hole type JK series straight through- hole type	JK series right angle through- hole type	J series straight through- hole type	JH series right angle through- hole type KH series right angle through- hole type	Dimension H (mm)	Туре	Attachment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

RoHS compliance



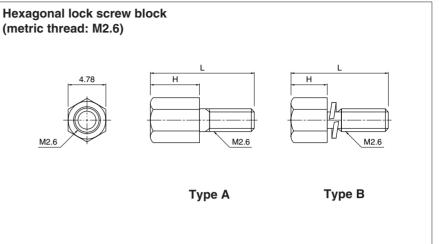


Applicable series Dimension / Model No.	J series right angle through- hole type JK series straight through- hole type	JK series right angle through- hole type	J series straight through- hole type	JH series right angle through- hole type KH series right angle through- hole type	Dimension H (mm)	Туре	Attachment	Q'ty / box	
Dimension L (mm)	13.1	15.0	10.0	11.8					
	JFS-3S-C1N	KFS-3S-C1N	_	_	5.5	A	A	Spring washer 1 pc. Nut 1 pc.	
	JFS-3S-B1W	KFS-3S-B1W	SFS-3S-B1W	HFS-3S-B1W	4.8				
Model No.	JFS-3S-C1W	KFS-3S-C1W	SFS-3S-C1W	HFS-3S-C1W	5.5		Spring washer 1 pc.	2,000	
	JFS-3S-B1WM	KFS-3S-B1WM	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		ТВ	spring washer are integrated	

RoHS compliance

D SUBMINIATURE CONNECTOR J-JH-JK&KH SERIES



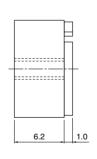


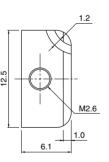
Applicable series Dimension / Model No.	J series right angle through- hole type JK series straight through- hole type	JK series right angle through- hole type	J series straight through- hole type	JH series right angle through- hole type KH series right angle through- hole type	Dimension H (mm)	Туре	Attachment	Q´ty / box	
Dimension L (mm)	13.1	15.0	10.0	11.8					
	JFS-2.6S-C1N	KFS-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	A	A	0	
Model No.	JFS-2.6S-C1W	KFS-2.6S-C1W	SFS-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		spring washer are integrated		

RoHS compliance



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

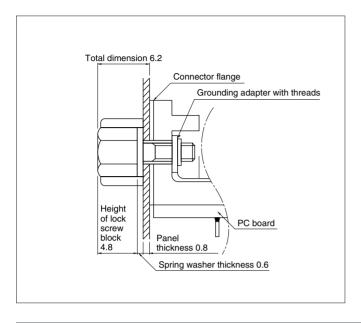




Model No.	Attachment	Q´ty / box
JFS-2.6R-N	Spring washer – 1 pc. Set screw – 1 pc.	1,000

RoHS compliance

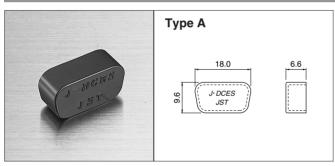
D SUBMINIATURE CONNECTOR J.JH.JK&KH SERIES



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 6.2mm 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.

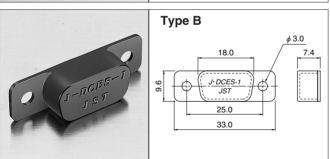
DUST COVER (for receptacles)



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

Applicab	Model No.	
J series		DEJ-0.3
JK series	Plug	KEJ-0.7
ur selles	Receptacle	KEJ-0.4