D-sub J

DSUBMINIATURE CONNECTOR J SERIES

Solder pot plug and receptacle

SOLDER POT PLUG AND RECEPTACLE

Solder pot plug

Solder pot Receptacle

Features

- The receptacle 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 receptacle 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 resin.

Standards

Recognized E60389 Certified LR20812

Specifications

Materials

Connector	Part name	Material and Finish
Plug	Contact	Brass, nickel-undercoated, selective gold-plated or copper-undercoated, tin-plated
	Insulator	Glass-filled PBT, UL94V-0, black
	Shell	Mild steel, copper-undercoated, tin/lead-plated
Receptacle	Contact	Phosphor bronze, nickel-undercoated, selective gold-plated or copper-undercoated, tin-plated
	Insulator	Glass-filled PBT, UL94V-0, black
	Shell	Mild steel, copper-undercoated, tin/lead-plated

Characteristics

Current rating	3A, AC, DC (2A for 37-circuits)
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.

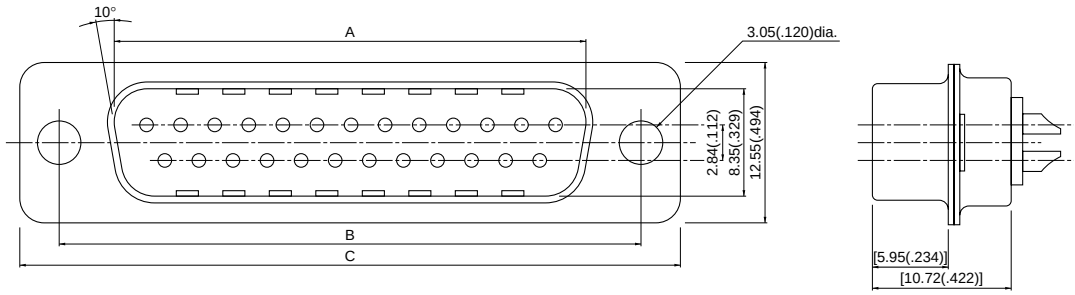
Model number identification

J E Z — 9 P — 12

- Series name
- Shell size: E, A, B ,C
- Wire connection style:
  Z ... Solder pot type
- Number of circuits: 9, 15, 25, 37
- Connector style: P ... Plug, S ... Receptacle
- Finish
  Blank ... Gold-plated (flash)
  13 ... 0.4micron(16micro-inch) gold-plated
  90 ... Tin-plated
  12 ... 0.2micron(8micro-inch) gold-plated
  14 ... 0.76micron(30micro-inch) gold-plated

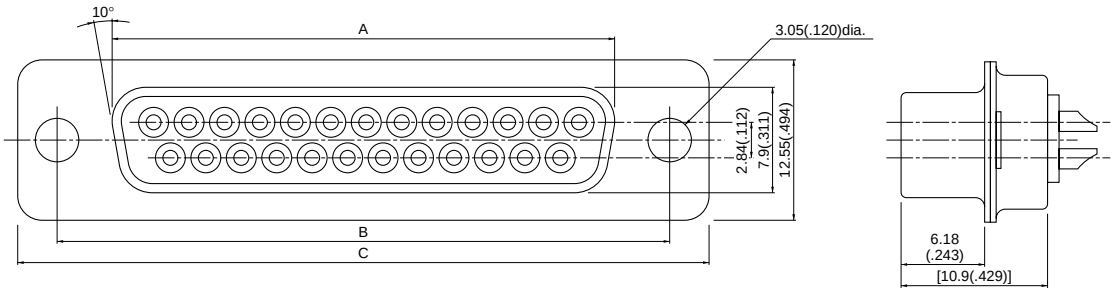
Note: 1. The relationship between number of circuits and shell size is shown below.
9: E, 15: A, 25: B, 37: C
2. Contact JST for special plating requirements.

Plug



Circuits	Model No.		Dimensions mm(in.)			Q´ty / box
	Gold-plated	Tin-plated	A	B	C	
9	**JEZ- 9P**	**JEZ- 9P-90**	16.92(.666)	24.99(.984)	30.80(1.213)	100
15	**JAZ-15P**	**JAZ-15P-90**	25.25(.994)	33.32(1.321)	39.14(1.541)	100
25	**JBZ-25P**	**JBZ-25P-90**	38.97(1.534)	47.04(1.852)	53.04(2.088)	50
37	**JCZ-37P**	**JCZ-37P-90**	55.43(2.182)	63.50(2.500)	69.32(2.729)	50

Receptacle



Circuits	Model No.		Dimensions mm(in.)			Q´ty / box
	Gold-plated	Tin-plated	A	B	C	
9	**JEZ- 9S**	**JEZ- 9S-90**	16.34(.643)	24.99(.984)	30.80(1.213)	100
15	**JAZ-15S**	**JAZ-15S-90**	24.67(.971)	33.33(1.312)	39.14(1.541)	100
25	**JBZ-25S**	**JBZ-25S-90**	38.38(1.511)	47.04(1.852)	53.04(2.088)	50
37	**JCZ-37S**	**JCZ-37S-90**	54.84(2.159)	63.50(2.500)	69.32(2.729)	50

D SUBMINIATURE CONNECTOR J SERIES

Right angle through-hole plug and receptacle

RIGHT ANGLE THROUGH-HOLE PLUG AND RECEPTACLE

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

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

Right angle through-hole receptacle
(with spring lock devices)

Features

- The receptacle 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 receptacles 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 name	Material and Finish
Contact of plug	Brass, nickel-undercoated, selective gold-plated or copper-undercoated, tin/lead-plated
Contact of receptacle	Phosphor bronze, nickel-undercoated, selective gold-plated or copper-undercoated, tin/lead-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
Rectangular lock screw block	Zinc, copper-undercoated, nickel-plated
Grounding adapter having a 3.2mm(.126") dia. hole	Mild steel, copper-undercoated, nickel-plated
Grounding adapter having an M3 tapped hole	
Grounding adapter having a spring lock lever	Brass, copper-undercoated, tin/lead-plated

Characteristics

Current rating	3A, AC, DC (2.0A AC, DC for 37-circuits)
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.

Standards

Recognized E60389 Certified LR20812

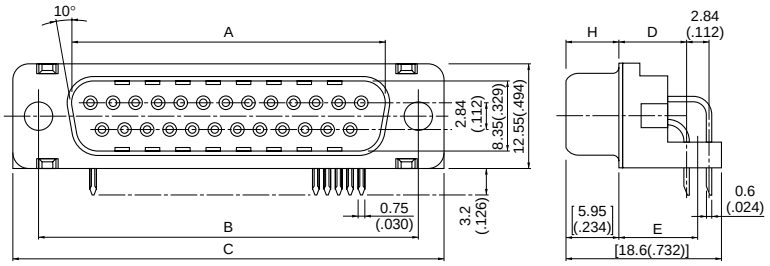
Model number identification

J E Y — 9 S — 1A 3 A 12 S1

- Series name
- Shell size: E, A, B ,C
- Wire connection style:
  Y... Right angle through-hole style
- Number of circuits: 9, 15, 25, 37
- Connector style: P ... Plug, S ... Receptacle
- Connector construction/Dimensions: Standard J series
- Types of grouding adapters
  0 ... Without grounding adapters
  1 ... With grounding adapters having a 3.2mm(.126") dia. hole
  2 ... With grounding adapters having an M3 thread
  3 ... With grounding adapters having a spring lock device (1)
  4 ... With grounding adapters having a spring lock device (2)
- Types of lock screw blocks
  A ... With hexagonal lock screw blocks having a No. 4-40 UNC inch thread
  B ... With hexagonal lock screw blocks having an M2.6 thread
  C ... With rectangular lock screw blocks having an M2.6 thread
  D ... Without lock screw blocks
  E ... Without lock screw blocks, but with grounding adapters having a 3.05mm(.120") dia. hole
  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
  90 ... Tin-plated
- Spring lock devices
  Blank...Without spring lock devices
  S or S1...With spring lock devices

Note:
1. The relationship between number of circuits and shell size is shown below.
9: E, 15: A, 25: B, 37: C
2. Contact JST for special plating requirements.
3. Contact JST for the Receptacle with spring lock devices. (Not UL recognized nor CSA certified.)

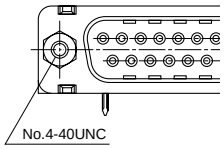
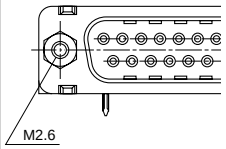
Right angle through-hole plug

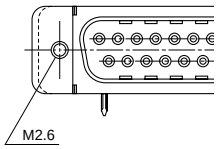
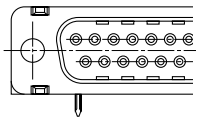
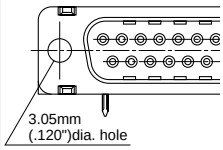
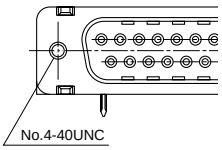
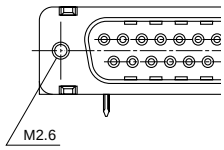
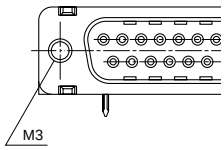


H: Height of the lock screw block (for Types A, B & C)

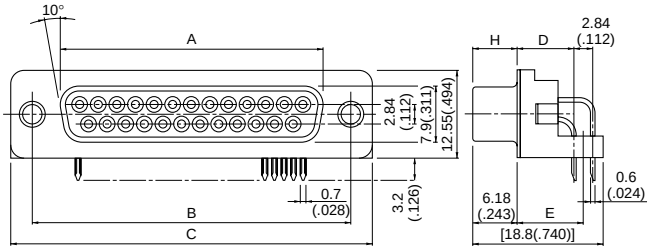
Cir-cuits	Model No.		Dimensions mm(in.)					Q'ty / box
	gold-plated plug	tin-plated plug	A	B	C	D	E	
9	**JEY- 9P-1A****	**JEY- 9P-1A**90**	16.90(.665)	24.99(.984)	30.80(1.213)	8.1(.319)	9.52(.375)	100
15	**JAY-15P-1A****	**JAY-15P-1A**90**	25.25(.994)	33.33(1.312)	39.14(1.541)	8.1(.319)	9.52(.375)	60
25	**JBY-25P-1A****	**JBY-25P-1A**90**	38.97(1.534)	47.04(1.852)	53.00(2.087)	8.2(.323)	9.62(.379)	40

Note:
*** shows the location where a two-digit code (see the table below for codes) should be entered. For example, if a 9-circuit gold-plated plug with hexagonal lock screw blocks having a No.4-40UNC inch thread and without grounding adapters is required, specify the model number as JEY-9P-1A0A.*

	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
		
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 device (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)			
		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) 
0C	0D	—	—	—	—
1C	1D	1E	1F	1G	—
2C	2D	2E	2F	2G	—
3C	3D	3E	3F	3G	—
—	—	—	—	—	4H

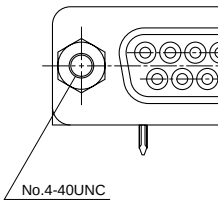
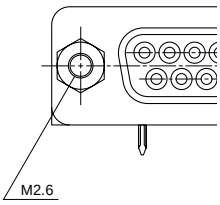
Right angle through-hole receptacle

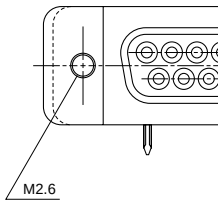
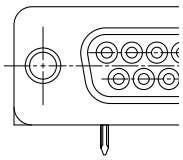
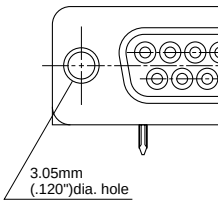
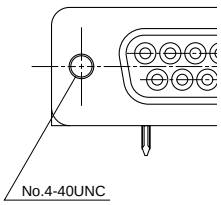
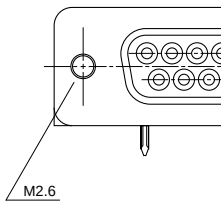
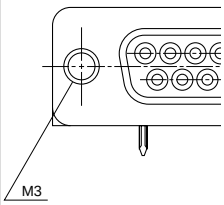


H: Height of the lock screw block (for Types A, B & C)

Cir-cuits	Model No.		Dimensions mm(in.)					Q'ty / box
	gold-plated receptacle	tin-plated receptacle	A	B	C	D	E	
9	**JEY- 9S-1A****	**JEY- 9S-1A**90**	16.34(.643)	24.99(.984)	30.81(1.213)	8.1(.319)	9.52(.375)	100
15	**JAY-15S-1A****	**JAY-15S-1A**90**	24.67(.971)	33.32(1.312)	39.14(1.541)	8.1(.319)	9.52(.375)	60
25	**JBY-25S-1A****	**JBY-25S-1A**90**	38.38(1.511)	47.04(1.852)	53.04(2.088)	8.2(.323)	9.62(.379)	40
37	**JCY-37S-1A****	**JCY-37S-1A**90**	54.84(2.154)	63.50(2.500)	69.32(2.729)	8.2(.323)	9.62(.379)	40

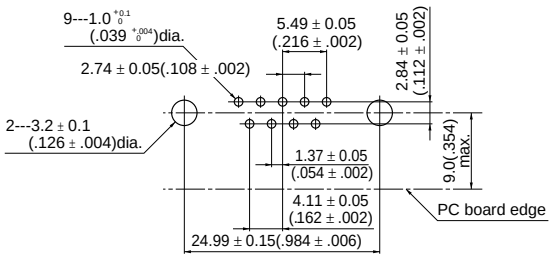
Note:
*** shows the location where a two-digit code (see the table below for codes) should be entered. For example, if a 9-circuit gold-plated plug with hexagonal lock screw blocks having a No.4-40UNC inch thread and without grounding adapters is required, specify the model number as JEY-9S-1A0A.*

		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
			
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 device (1)	 	3A	3B
With grounding adapters with a spring lock device (2)	 	–	–

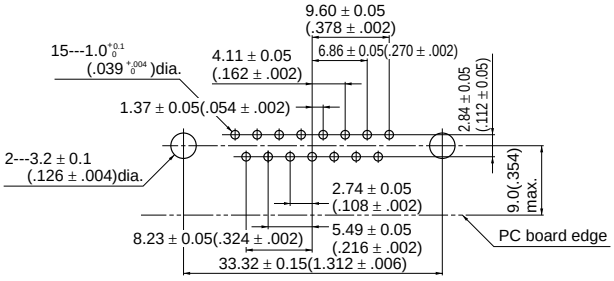
Type C	Type D	Type E	Type F	Type G	Type H
					
With rectangular lock screw blocks (H: 6.2mm (.244")) having an M2.6 thread	Without lock screw blocks	Without lock screw blocks E: Grounding adapter has no thread. F, G, H: Grounding adapters have a thread (*1) for securing separately-purchased lock screw blocks (*2)			
		Used a lock screw block [model number 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) 
0C	0D	—	—	—	—
1C	1D	1E	1F	1G	—
2C	2D	2E	2F	2G	—
3C	3D	3E	3F	3G	—
—	—	—	—	—	4H

PC board layout (viewed from component side)

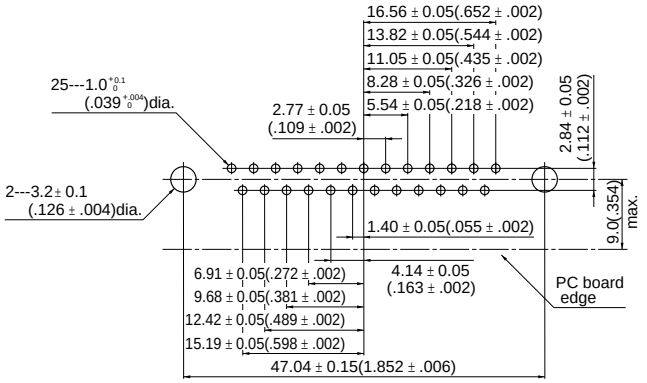
(9 circuits)



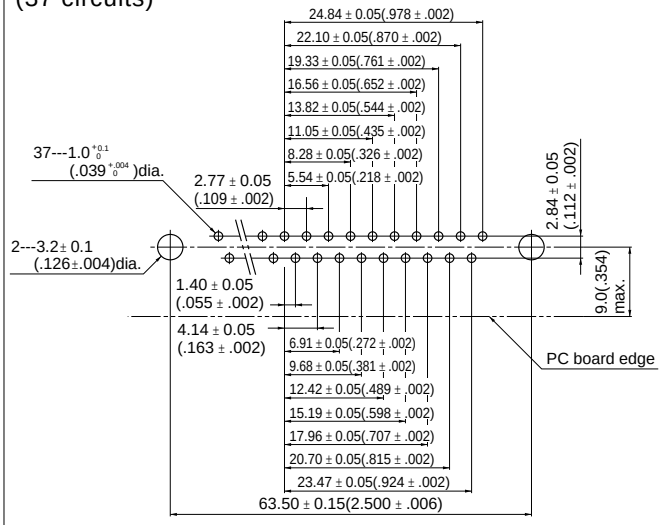
(15 circuits)



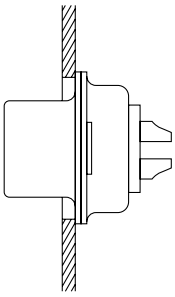
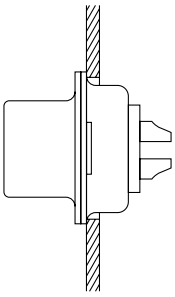
(25 circuits)

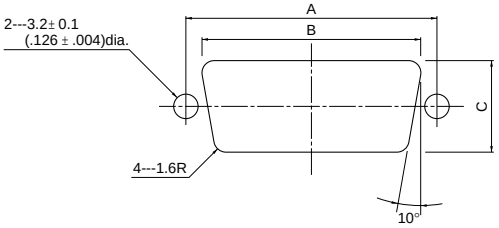


(37 circuits)



Panel layout

Mounting on the rear side	Mounting on the front side
	



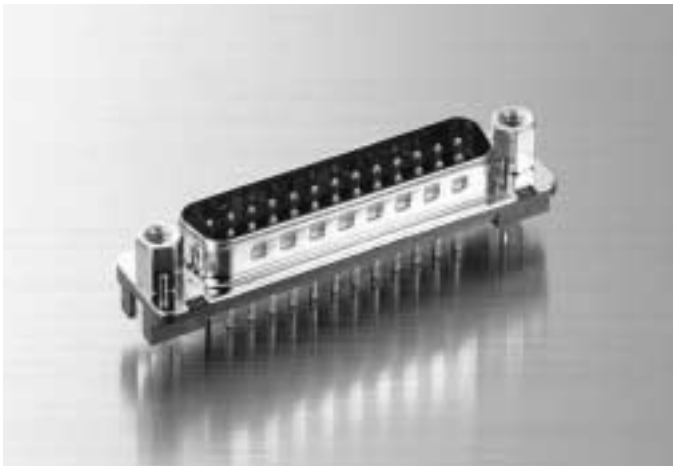
The connector can be mounted either on the front side or on the rear side of the panel as shown above.
Use M2.5 or M2.6 screws for installation.

D-sub J

D SUBMINIATURE CONNECTOR J SERIES

Straight through-hole plug and receptacle

STRAIGHT THROUGH-HOLE PLUG AND RECEPTACLE

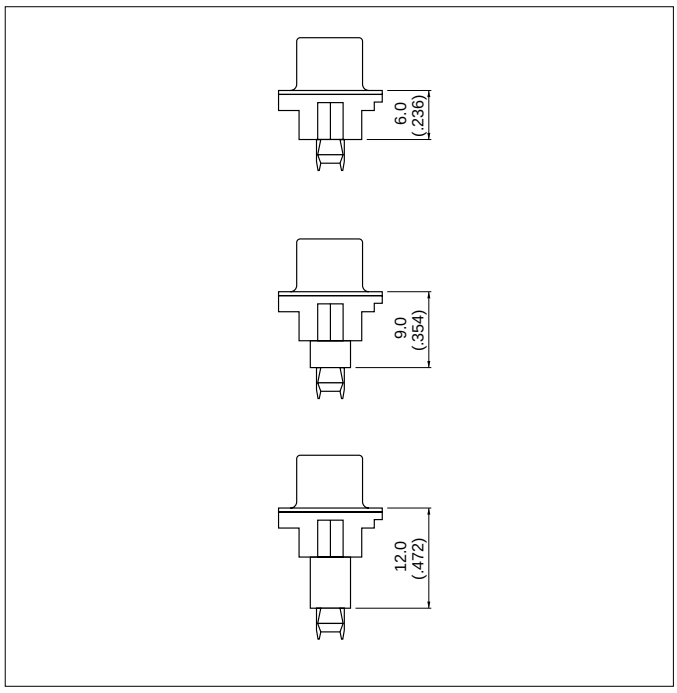


Straight through-hole plug
(with hexagonal lock screw blocks)

Straight through-hole receptacle (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: 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.



Standards

Recognized E60389

Certified LR20812

Specifications

Materials

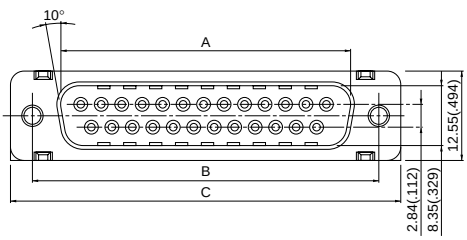
Part name		Material and Finish
Contact	Plug	Brass, nickel-undercoated, selective gold-plated
	Receptacle	Phosphor bronze, nickel-undercoated, selective gold-plated
Insulator		Glass-filled PBT, UL94V-0, black
Shell		Mild steel, copper-undercoated, nickel-plated
Heaxagonal lock screw bock		Mild steel,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

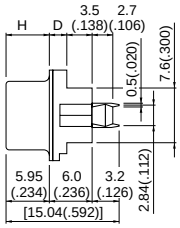
Characteristics

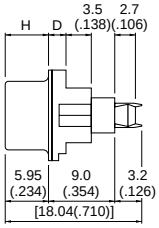
Current rating	3.0A AC, DC
Voltage rating	250V AC, DC
Temperature range	-40˚C to +85˚C (including temperature rise in applying electrical current)
Contact resistance	Initial value/15mΩ max. After environmental testing/30mΩ max.
Insulation resistance	5,000MΩ min.
Withstanding voltage	1,000V AC/minute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

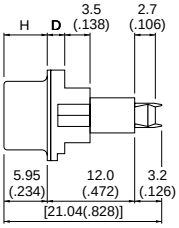
**Contact JST for details.*

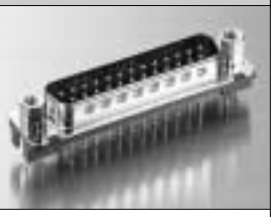
Straight through-hole plug — **Type A**









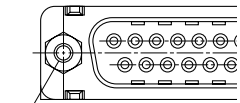


With hexagonal lock screw blocks (H: 6.3mm (.248")) having a No.4-40UNC inch thread

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

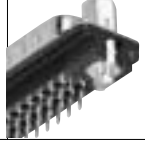
Cir-cuits	Dimension between flange and solder tail mm(in.)	Model No. Gold-plated (flash) Plug	Model No. Gold-plated 0.76micron(30micro-inch)	A	B	C	D	Q'ty / box
9	6 (.236)	**JES- 9P-2A****	**JES- 9P-2A**14**	16.90 (.665)	24.99 (.984)	30.8 (1.213)	2.4 (.094)	100
	9 (.354)	**JES- 9P-3A****	**JES- 9P-3A**14**					
	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)	53.0 (2.087)	2.5 (.098)	40
	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 adapters whose dimension between flange and solder tail is 6mm(.236") is required, specify the model number as JBS-25P-2A3A.*

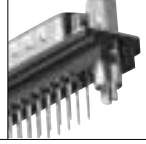


With grounding adapters with a spring lock device

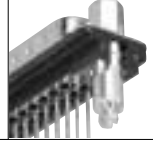
6 mm (.236") type



9 mm (.354") type



12mm (.472") type



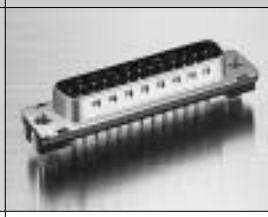
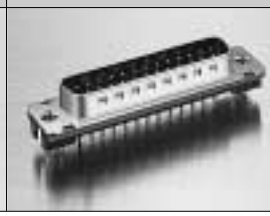
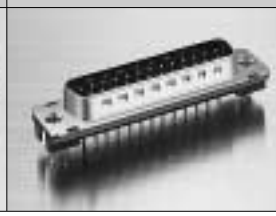
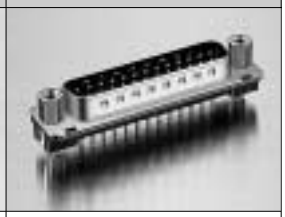
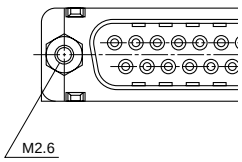
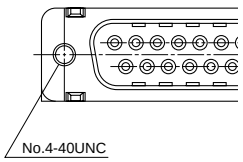
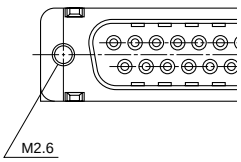
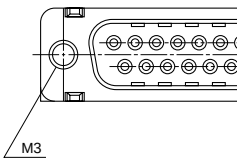
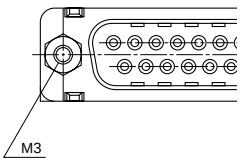
3A

Model number identification

J B S — 25 P — 2A 3 F 14 S1

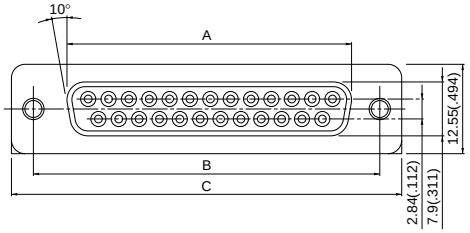
- Series name
- Shell size: B, E
- Wire connection type:
  S ... Straight through-hole type
- Number of circuits: 9, 25
- Connector type: P ... Plug S ... Receptacle
- Connector construction/dimensions:
  2A ... 6 mm (.236") from flange to solder tail
  3A ... 9 mm (.354") from flange to solder tail
  4A ... 12mm (.472") from flange to solder tail
- Types of grouding adapter:
  3 ... Grounding adapter with a spring lock device
- 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 an M2.6 thread
  F ... Without lock screw blocks, but with grounding adapters having an 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
  J ... With hexagonal lock screw block 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 90 ... Tin-plated
- Spring lock devices
  Blank...Without spring lock devices
  S or S1...With spring lock devices

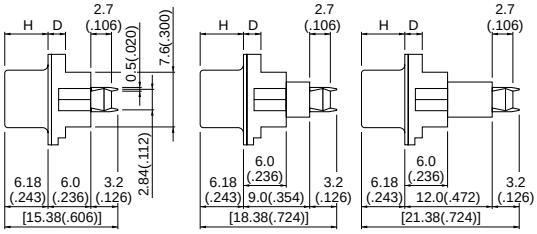
Note:
1. In the J Series, the number of circuits is determined by the shell size: 9 circuits for E and 25 circuits for B.
2. Contact JST for special plating requirements.
3. Contact JST for the dimensions between the flange and solder tail other than those listed above.
4. Grounding adapters that can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

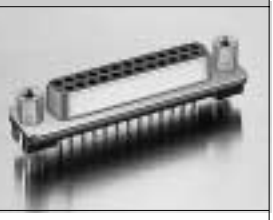
Type B	Type F	Type G	Type H	Type J
				
With hexagonal lock screw blocks (H: 6.3mm(.248")) having an M2.6 thread	Without lock screw blocks F, G, H: Grounding adapters have a thread (*1) for securing separately-purchased lock screw blocks (*2)			With hexagonal lock screw blocks (H: 6.3mm (.248")) having 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)	
				
3B	3F	3G	3H	3J

Straight through-hole receptacle

Type A





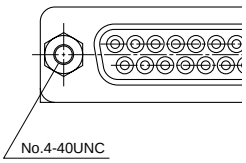


With hexagonal lock screw blocks (H: 6.3mm (.248")) having a No.4-40UNC inch thread

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

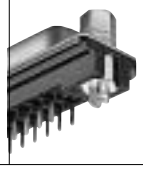
Circuits	Dimension between flange and solder tail mm(in.)	Model No.			Dimensions mm(in.)				Q'ty / box
		Gold-plated (flash) receptacle	Gold-plated 0.76micron(30micro-inch)	Tin-plated	A	B	C	D	
9	6(.236)	**JES- 9S-2A****	**JES- 9S-2A**14**	—	16.34 (.643)	24.99 (.984)	30.8 (1.213)	2.4 (.094)	100
	9(.354)	**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**	**JBS-25S-2A**90**	38.38 (1.511)	47.04 (1.852)	53.0 (2.087)	2.5 (.098)	40
	9(.354)	**JBS-25S-3A****	**JBS-25S-3A**14**	**JBS-25S-3A**90**					
	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 adapters whose dimension between flange and solder tail is 6mm(.236") is required, specify the model number as JES-9S-2A3A.*

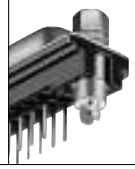


With grounding adapters with a spring lock device

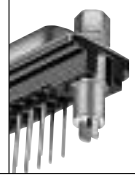
6 mm (.236") type



9 mm (.354") type



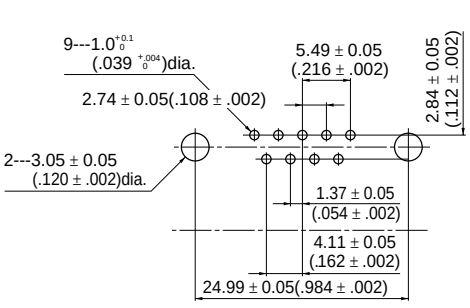
12mm (.472") type



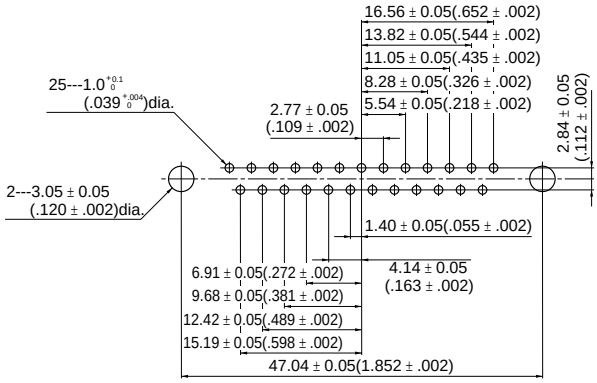
3A

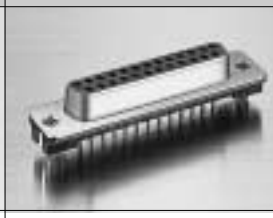
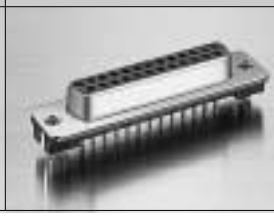
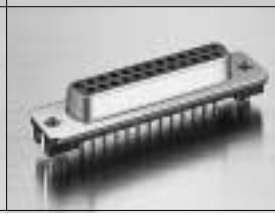
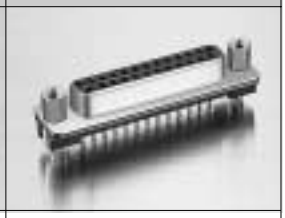
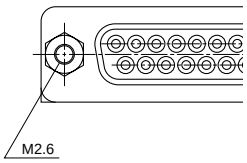
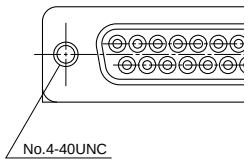
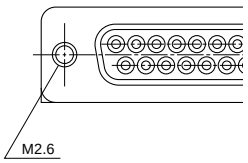
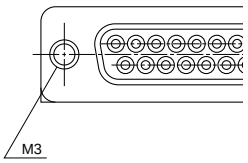
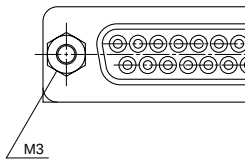
PC board layout

(9-circuits)

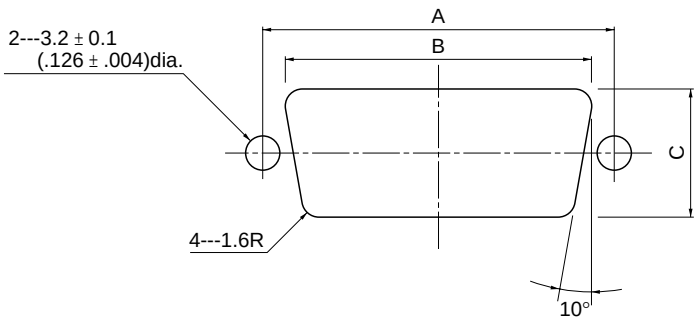


(25- circuits)



Type B	Type F	Type G	Type H	Type J
				
With hexagonal lock screw blocks (H: 6.3mm (.248")) having an M2.6 thread 	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 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) 	With hexagonal lock screw blocks (H: 6.3mm (.248")) having an M3 thread 
3B	3F	3G	3H	3J

Panel layout



Circuits	A ± 0.15(±.006)	B ± 0.2(± .008)	C ± 0.2(± .008)
9	24.99(.984)	20.6(.811)	12.0(.472)
25	47.04(1.852)	42.6(1.677)	12.0(.472)

D SUBMINIATURE CONNECTOR J SERIES

Crimp style plug and receptacle

CRIMP STYLE PLUG AND RECEPTACLE

Crimp style plug

Crimp style receptacle

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	Pin contact	Brass, nickel-undercoated, selective gold-plated or copper-undercoated, tin-plated
	Insulator	Glass-filled PBT, UL94V-0, black
	Shell	Mild steel, copper-undercoated, tin/lead-plated
Receptacle	Socket contact	Phosphor bronze, nickel-undercoated, selective gold-plated
	Insulator	Glass-filled PBT, UL94-0, black
	Shell	Mild steel, copper-undercoated, tin/lead-plated

Characteristics

Current rating	3A, AC, DC (2A for 37-circuits)(AWG #20)
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

J — S P 2 1 40

- Series name: J
- Product shape: S ... Chain, B ... Loose piece
- Type of contact: P ... Pin contact, S ... Socket contact
- Applicable wire: 1 ... AWG #24 to #20, 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
  - 44 ... 0.76micron(30micro-inch) gold-plated
  - 90 ... Tin-plated

Note: Contact JST for special plating requirements.

Housing

J E C — 9 P

- Series name: J
- Shell size: E, A, B ,C
- Wire connection style: C ... crimp style
- Number of circuits: 9, 15, 25, 37
- Connector style: P ... Plug, S ... Receptacle

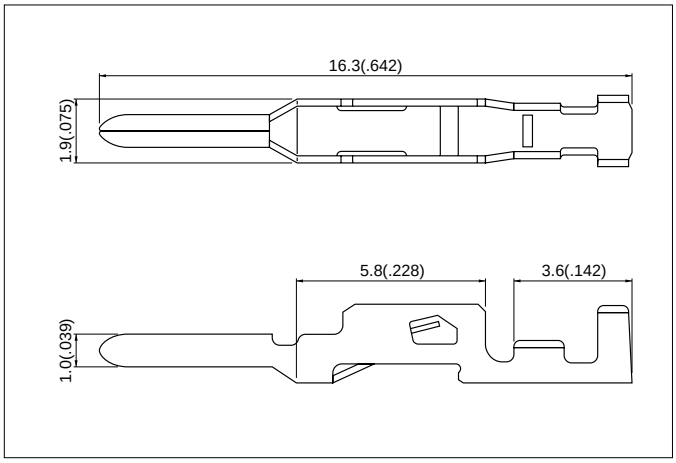
Note: The relationship between number of circuits and shell size is shown below.
9: E, 15: A, 25: B, 37: C

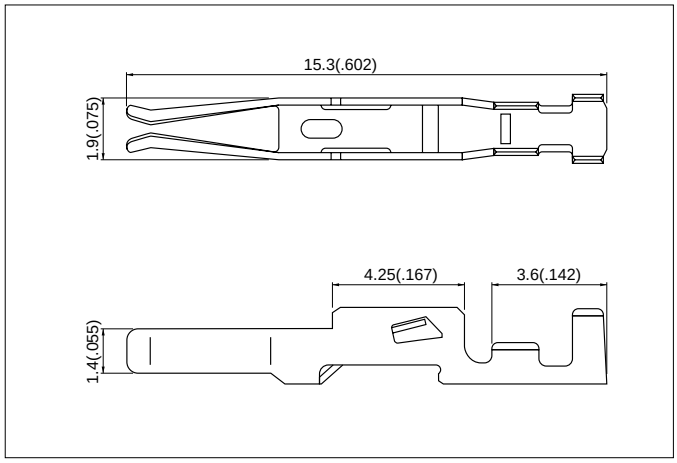
Standards

Recognized E60389

Certified LR20812

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

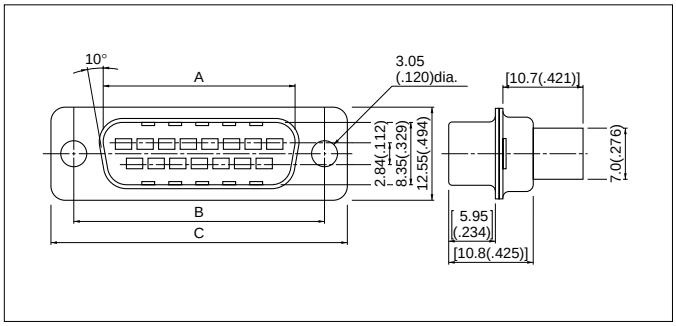


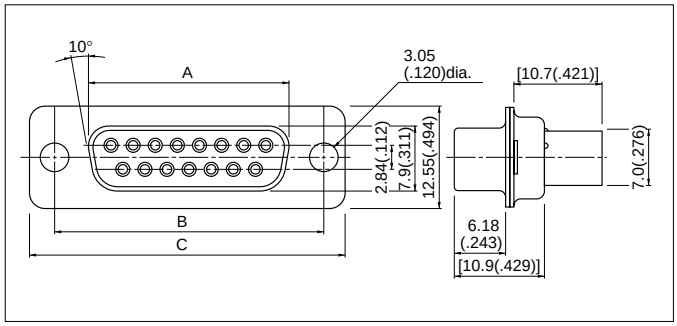


Model No.			Applicable wire		Q´ty / reel
Pin contact		Socket contact	AWG #	Insulation O.D. mm(in.)	
Gold-plated	Tin-plated	Gold-plated			
***J-SP1140**	***J-SP1190**	***J-SS1340**	#24 to #20	1.1 to1.8mm(.043" to .071")	10,000
J-SP2140	**J-SP2190**	**J-SS2340**	#28 to #24	0.9 to1.3mm(.035" to .051")	

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

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





Cir-cuits	Model No.	Dimensions mm(in.)			Q´ty / box
		A	B	C	
9	**JEC- 9P**	16.92(.666)	24.99(.984)	30.80(1.213)	100
15	**JAC-15P**	25.25(.994)	33.32(1.312)	39.14(1.541)	100
25	**JBC-25P**	38.97(1.534)	47.04(1.852)	53.04(2.088)	50
37	**JCC-37P**	55.43(2.182)	63.50(2.500)	69.32(2.729)	50

Cir-cuits	Model No.	Dimensions mm(in.)			Q´ty / box
		A	B	C	
9	**JEC- 9S**	16.34(.643)	24.99(.984)	30.80(1.213)	100
15	**JAC-15S**	24.67(.971)	33.33(1.312)	39.14(1.541)	100
25	**JBC-25S**	38.38(1.511)	47.04(1.852)	53.04(2.088)	50

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
J-SP1***	APLMK J-SP/SS1	APLNC J-SP/SS1	–	–	APLSC J-SP/SS1
J-SS1***	APLMK J-SP/SS1	APLNC J-SP/SS1	–	–	APLSC J-SP/SS1
J-SP2***	APLMK J-SP/SS2	APLNC J-SP/SS2	–	–	APLSC J-SP/SS2
J-SS2***	APLMK J-SP/SS2	APLNC J-SP/SS2	–	–	APLSC J-SP/SS2