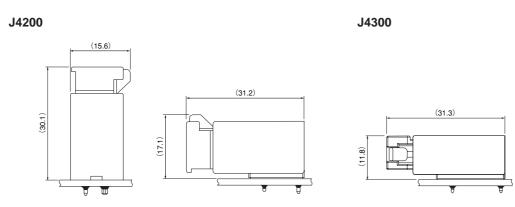


Compact and high current capacity connector. This connector realizes high-density mounting on PC board.

- High current capacity
- Housing lance
- Countermeasure for insertion of foreign substances (with protector)

## Assembly layout



# Specifications —

- Current rating: Refer to the following matrix table.
- Voltage rating: 600 V AC, DC
- Temperature range: -55°C to +105°C (including temperature rise in applying
- electrical current) • Withstanding voltage: 2,200 VAC/minute
- Applicable wire: AWG #16 to #12 (1.25 to 3.5 mm<sup>2</sup>)
- Applicable PC board thickness: 1.6 to 2.4 mm
- \*Contact JST for details.
- \*Compliant with RoHS.

## Surrent roting

Current rating							
	Wire size (AWG)						
#12	#14	#16					
22.0	18.0	14.0					
20.0	17.0	13.5					
19.0	16.0	13.0					
18.0	16.0	12.5					
	22.0 20.0 19.0	#12 #14   22.0 18.0   20.0 17.0   19.0 16.0					

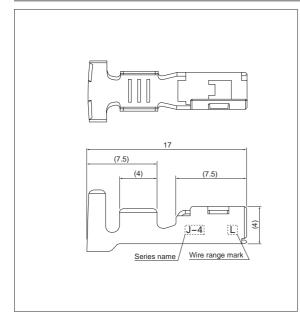
# Standards ·

Recognized E60389

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# JFA CONNECTOR/J4000 SERIES

## Receptacle contact



Mode	el No.	A	pplicable wire				'ty			
Strip contact	Loose piece contact	Nominal	mm²	AWG#	Insulation O.D. (mm)	reel	box (Loose piece)			
SJ4F-71GF-M3.0	BJ4F-71GF-M3.0	м	1.25~2.0	16~14	2.0~3.8	1,400	350			
SJ4F-81GF-M3.0	BJ4F-81GF-M3.0	L	2.0~3.5	14~12	2.9~4.2	1,400	350			
	Material and Finish									

Copper alloy (superior conductivity), nickel-undercoated, selective gold-plated

RoHS compliance

Note: Finish(GF): Nickel-undercoated, 0.38 µm selective gold-plated

## Crimping machine, Applicator

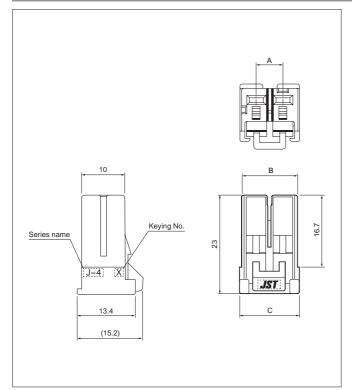
Strip contact Model No.	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies	Loose piece	Hand crimp tools
SJ4F-71GF-M3.0	AP-K2N		MK/SJ4F-71-30	APLMK SJ4F71-30	BJ4F-71GF-M3.0	YRF-1130
SJ4F-81GF-M3.0	AF-KZN	MKS-L-SIN3	MK/SJ4F-81-30	APLMK SJ4F81-30	BJ4F-81GF-M3.0	YRF-1370

Extraction tool for J4000 series : EJ-JFAJ4

Note: Contact JST for fully automatic crimping applicator.

# **J4000 SERIES/J4200S**

## Receptacle housing

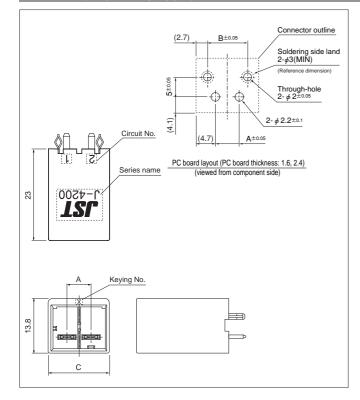


Circuito	Kaudaan	Madal Na	Dir	nensions	(mm)	014 1/4
Circuits	Keying	Model No.	A	В	С	Q'ty/bag
2	Х	J42FSC-02V-KX	6.0	12.8	13.6	200
2	Y	J42FSC-02V-KY	6.0	12.8	13.6	200
3	Х	J42FSC-03V-KX	12.0	18.8	19.6	130
3	Y	J42FSC-03V-KY	12.0	18.8	19.6	130
6	Х	J42FSC-06V-KX	30.0	36.8	37.6	70
ю	Y	J42FSC-06V-KY	30.0	36.8	37.6	70

Glass-filled PBT, UL94V-0, black

RoHS compliance

# Header (Top entry type)



Circuito	Kowing	Model No.	Din	nensions	(mm)	O'hu/hou
Circuits	Keying	wodel No.	А	В	С	Q'ty/box
2	х	BC02B-J42SK-GHXR	6.0	10.0	15.4	168
2	Y	BC02B-J42SK-GHYR	6.0	10.0	15.4	168
0	х	BC03B-J42SK-GHXR	12.0	16.0	21.4	90
3	Y	BC03B-J42SK-GHYR	12.0	16.0	21.4	90
6	х	BC06B-J42SK-GHXR	30.0	34.0	39.4	45
ю	Y	BC06B-J42SK-GHYR	30.0	34.0	39.4	45

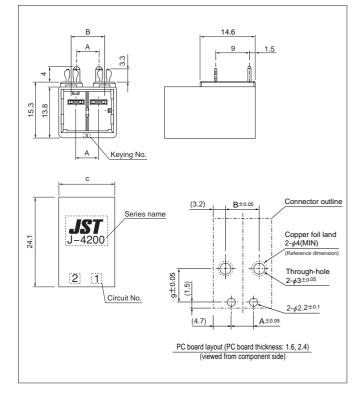
#### Material and Finish

Tab contact: Copper alloy, nickel-undercoated, selective gold-plated Housing: Glass-filled PBT, UL94V-0, black Reinforcing metal fixture: Copper alloy, nickel-undercoated, selective gold-plated

RoHS compliance

# **J4000 SERIES/J4200S**

# Header (Side entry type)

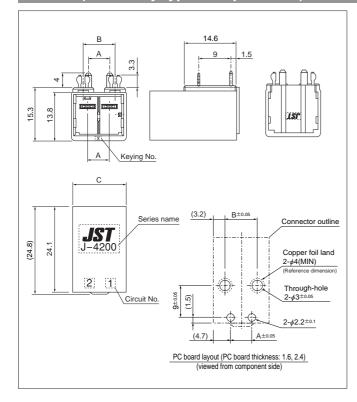


Circuits	s Keying Model No.		Dimensions (mm)			Q'ty/box				
Circuits	Reying	Woder No.	A	В	C					
2	Х	SC02B-J42SK-GHXR	6.0	9.0	15.4	120				
2	Y	SC02B-J42SK-GHYR	6.0	9.0	15.4	120				
	Material and Finish									
		t: Copper alloy, nickel-undercoa ilass-filled PBT, UL94V-0, black		tive gold-p	lated					

Reinforcing metal fixture: Copper alloy, nickel-undercoated, gold-plated

RoHS compliance

# Header (Side entry type with protector)

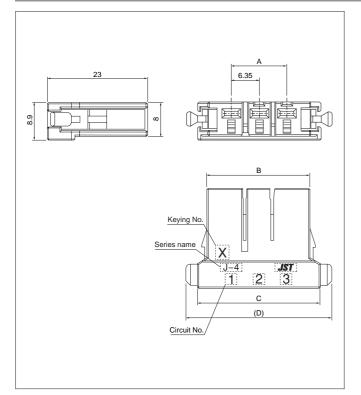


Circuits	Keying	Model No.	Din	nensions	(mm)	O'tu/hoy			
Circuits	Reying	Model No.	А	В	С	Q'ty/box			
2	Х	SC02B-J42SK-GHXPR	6.0	9.0	15.4	120			
2	Y	SC02B-J42SK-GHYPR	6.0	9.0	15.4	120			
Material and Finish Tab contact: Copper alloy, nickel-undercoated, selective gold-plated Housing: Glass-filled PBT, UL94V-0, black Reinforcing metal fixture: Copper alloy, nickel-undercoated, gold-plated Protector: Glass-filled PBT, UL94V-0, black									

When applying a current to the connector, the protector prevents foreign substances being inserted into mating part from the back of the connector.

# **J4000 SERIES/J4300S**

## Receptacle housing

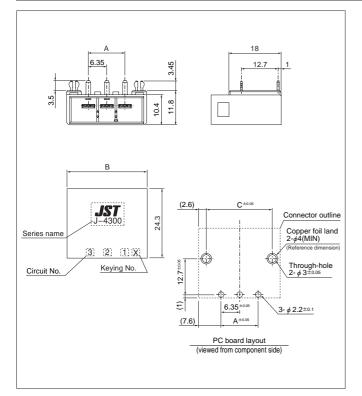


Circuits Keying		Model No.		Q'ty/bag			
Circuits Reying	Reying	woder no.	А	В	С	D	Q ly/bag
3	Х	J43FSS-03V-KX	12.7	23.8	28.5	33.7	200
3	Y	J43FSS-03V-KY	12.7	23.8	28.5	33.7	200
4	х	J43FSS-04V-KX	19.05	30.15	34.85	40.05	200
4	Y	J43FSS-04V-KY	19.05	30.15	34.85	40.05	200

Material Glass-filled PBT, UL94V-0, black

**RoHS compliance** 

# Header (Top entry type)



Circuito	Circuits Keying Model	Madal No.	Dim	nensions	(mm)	Q'ty/box
Circuits		WOULEI NO.	А	В	С	Q IY/DOX
3	х	S03B-J43SK-GHXR	12.7	27.9	22.7	64
3	Y	S03B-J43SK-GHYR	12.7	27.9	22.7	64
4	х	S04B-J43SK-GHXR	19.05	34.25	29.05	48
4	Y	S04B-J43SK-GHYR	19.05	34.25	29.05	48

Material and Finish

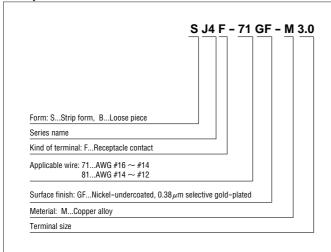
Tab contact: Copper alloy, nickel-undercoated, selective gold-plated Housing: Glass-filled PBT, UL94V-0, black Reinforcing metal fixture: Copper alloy, nickel-undercoated, selective gold-plated

RoHS compliance

# JFA CONNECTOR/J4000 SERIES

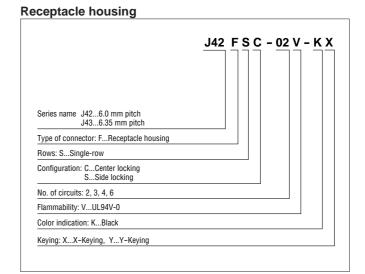
#### Model number identification

#### **Receptacle contact**



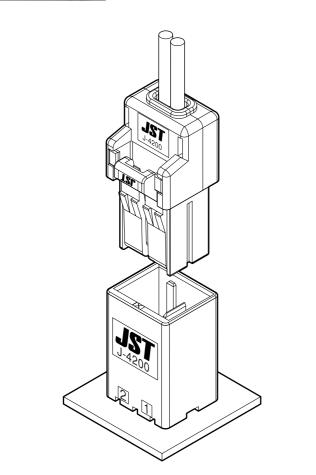
#### Header

	<u>SC 02</u>	2 <u>B</u> - <u>J</u>	42 <u>S</u> I	<u>(</u> - <u>G</u> H	<u>X P</u>	R
Form: BCTop & center locking SCSide & center locking SSide locking						
No. of circuits: 2, 3, 4, 6						
Product name: Header						
Series name: J426.0 mm pitch J436.35 mm pitch						
Rows: SSingle-row						
Color indication: KBlack						
Surface finish: GHNickel-undercoated	, selective go	ld-plated				
Keying: XX-Keying, YY-Keying						
Special product: PWith protector, Bl	ankStandard	d product			_	
Packaging form: RTray, MMagazi	ne stick					





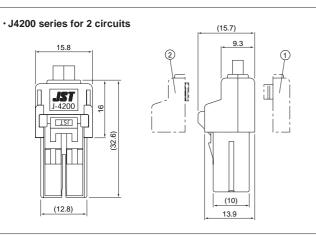
# JFA CONNECTOR J4000 SERIES PROTECTOR



When applying a current to the connector, the protector prevents foreign substances being inserted into mating part from the wiring side. However it has no function of holding the wire securely.

Note: Protector is not approved by UL/CSA/TÜV standards.

#### J4000 Series



No.	Model No.	Color	Q'ty/box				
1	J42PF-02SCA	Transparent	420				
2	J42PF-02SCB Transparent						
	Material						
	Polycarbonate						

RoHS compliance

单击下面可查看定价,库存,交付和生命周期等信息

>>JST(杰世腾)