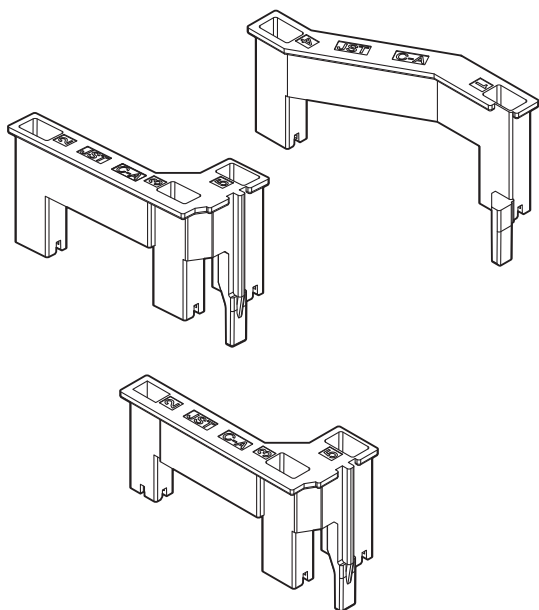


IS CONNECTOR

Connectors for Infinite Switch



• Easy insertion, positive locking

The combination of terminal and housing allows easy mating to a male tab. Un-mating is equally easy. Simply hold the housing and pull.

The contact locking spring is depressed by the taper inside the housing. The locking mechanism prevents accidental disengagement of the contact from the mating tab.

• Ultra low insertion force

The contact is designed as a low insertion force with a large contact area to give stable performance, even when high current is applied.

• Contact back out preventive design

Innovative contact and housing design eliminates contact back out caused due to damaged locking lances during termination and harness assembly.

• Polarizing rib

Polarizing ribs in the housing eliminate miss mating of the housings.

Specifications

- Current rating: 20 A AC/DC (AWG #12)
- Voltage rating: 250 V AC/DC
- Temperature range: -40°C to +105°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 3 mΩ max.
After environmental tests/ 6 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage: 2,000 VAC/minute
- Applicable wire: AWG #22 to #12
- Applicable tab: 0.8 mm thick
- * In using the products, refer to "Handling Precaution for Terminal and Connector" described on our website (Technical documents of Product information page).
- * Contact JST for details.
- * RoHS2 compliance

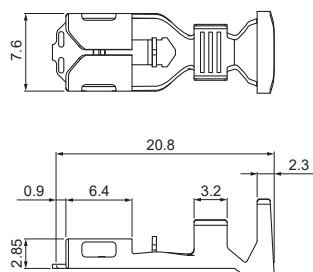
Standards

Recognized E60389

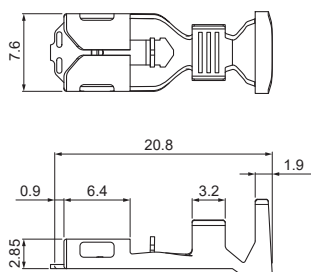
Contact

SRSF Series

SRSF-21()-()250A

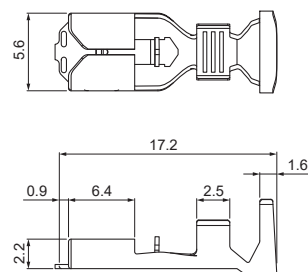


SRSF-61()-()250A



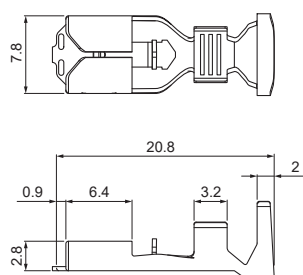
SPS Series

SPS-51T-187-8

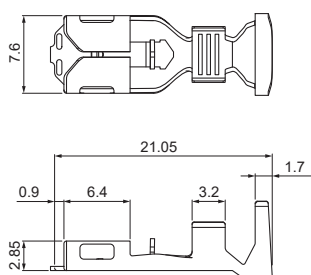


<Double wire crimp>

SRSF-91()-250AS



SRSF-82()-250A



Contact

Model No.	Applicable wire		Insulation O.D.(mm)	Material	Surface finish	Q'ty/reel
	mm²	AWG #				
SRSF-21-250A	0.32~0.82	22~18	2.5~3.0	Barss	—	5,000
SRSF-21T-250A					Tin-plated	
SRSF-61-250A	0.82~2.08	18~14	3.0~3.9	Barss	—	5,000
SRSF-61T-250A					Tin-plated	
SRSF-61AT-M250A				Copper alloy	Tin-plated	
SRSF-91-250AS	2.08~3.30	14~12	3.9~4.4	Barss	—	5,000
SRSF-91T-250AS					Tin-plated	
SRSF-82-250A	0.82+0.82, 1.31+1.31, 1.31+0.52, 1.31+2.08	18+18, 16+16, 16+20, 16+14	3.0+3.0, 3.4+3.4, 3.4+2.5, 3.4+3.9	Barss	—	5,000
SRSF-82T-250A					Tin-plated	
SPS-51T-187-8	0.52~2.0, 0.52+0.52	20~14, 20+20	1.9~3.6, 2.54+2.54	Barss	Tin-plated	7,500

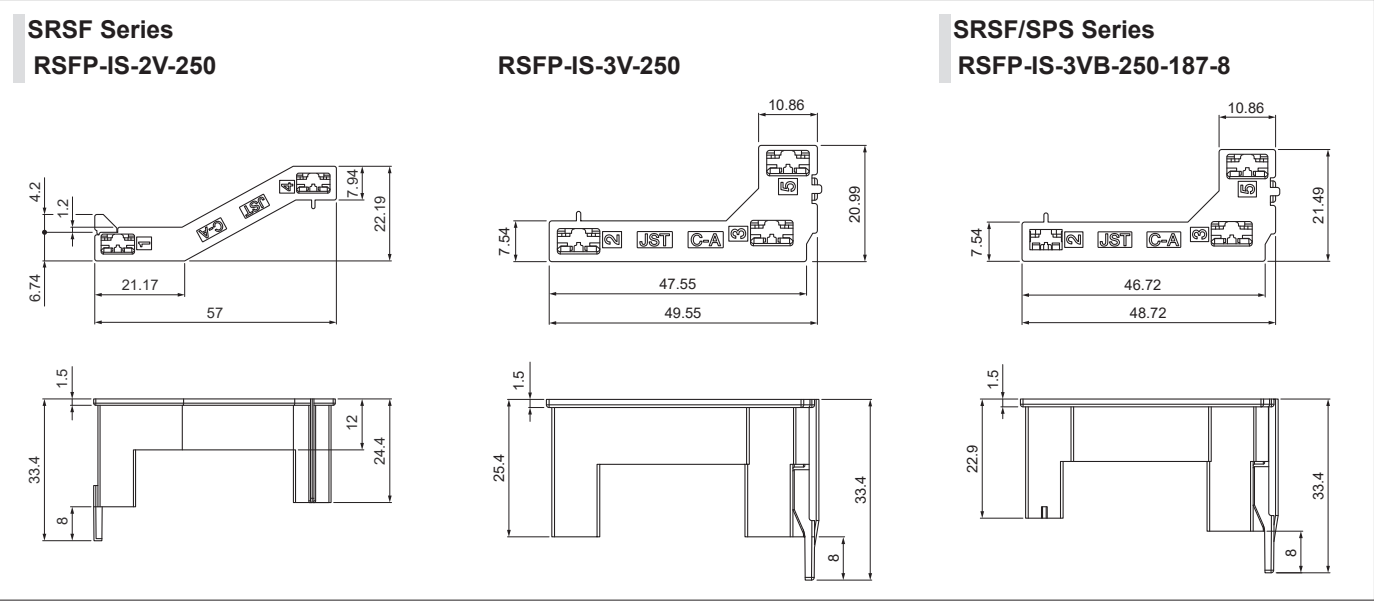
RoHS2 compliance

Contact	Applicator		
	Crimp applicator	Dies set	Crimp applicator with dies
SRSF-21()-250A	MK-L-SPS	MKDSSPS21250	APLMK SPS21-250
SRSF-61()-()250A		MKDSSPS61250	APLMK SPS61-250
SRSF-91()-250AS		MKDSSPS91250	APLMK SPS91-250
SRSF-82()-250A		MKDSSRSF82250A	APLMK SRSF82-250A
SPS-51T-187-8		MK/SPS-51-187	APLMK SPS51-187

RoHS2 compliance

IS CONNECTOR

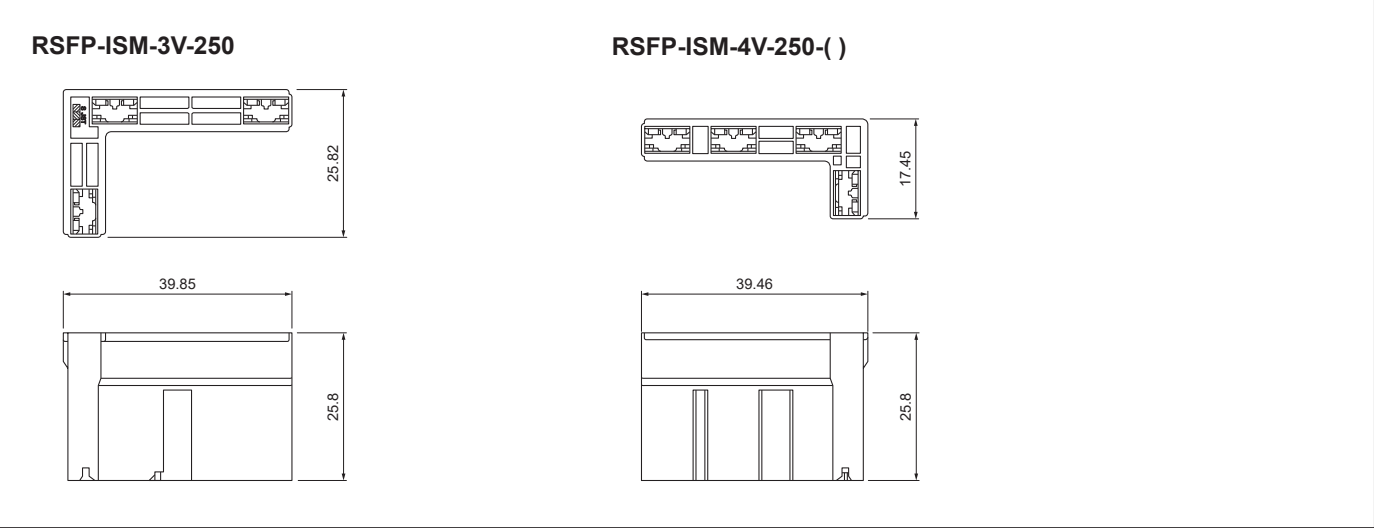
Housing (Invensys Infinite Switch)



Part No.	No. of circuits	Color	Q'ty/box	Applicable Contacts
RSFP-IS-2V-250	2	Natural	1,000	SRSF-21()-250A, SRSF-61()-()250A, SRSF-91()-250AS, SRSF-82()-250A
RSFP-IS-3V-250	3		800	
RSFP-IS-3VB-250-187-8	3	Black	800	SRSF-21()-250A, SRSF-61()-()250A, SRSF-91()-250AS, SRSF-82()-250A, SPS-51T-187-8
Material and Finish				
Glass-filled PBT, UL94V-0				

RoHS2 compliance

Housing (Invensys M-Series Infinite Switch)

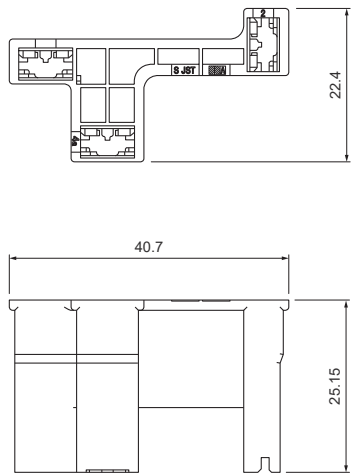


Part No.	No. of circuits	Color	Q'ty/box	Applicable Contacts
RSFP-ISM-3V-250	3	Natural	1,600	SRSF-21()-250A, SRSF-61()-()250A, SRSF-91()-250AS, SRSF-82()-250A
RSFP-ISM-4V-250	4		1,600	SRSF-21()-250A, SRSF-61()-()250A, SRSF-91()-250AS, SRSF-82()-250A
RSFP-ISM-4V-250-GE				
Material and Finish				
PA 66, UL94V-0				

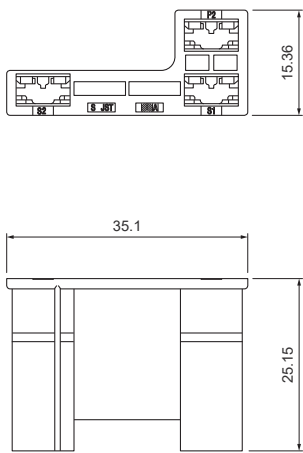
RoHS2 compliance

Housing (EGO Infinite Switch)

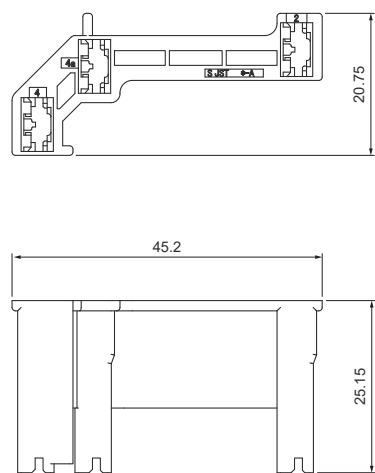
RSFP-3V-ES-A-H



RSFP-3V-ES-B



RSFP-3V-ES-C



Part No.	No. of circuits	Color	Q'ty/box	Applicable Contacts
RSFP-3V-ES-A-H	3	Gray	1,000	SRSF-21()-250A, SRSF-61()-()250A, SRSF-91()-250AS, SRSF-82()-250A
RSFP-3V-ES-B	3	Natural	1,000	SRSF-21()-250A, SRSF-61()-()250A, SRSF-91()-250AS, SRSF-82()-250A
RSFP-3V-ES-C	3		1,000	SRSF-21()-250A, SRSF-61()-()250A, SRSF-91()-250AS, SRSF-82()-250A
Material and Finish				

PA 66, UL94V-0

RoHS2 compliance