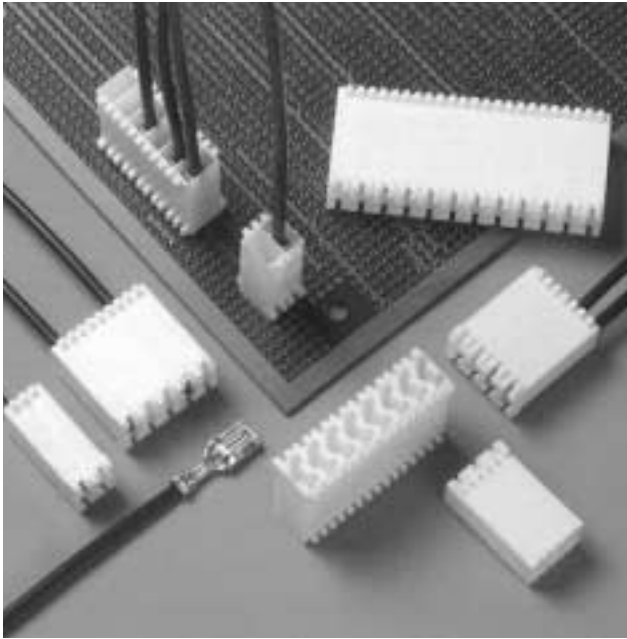




RSF CONNECTOR

Connectors for tabs

5.0mm
(.197") pitch



Features

• **Secure locking, easy insertion**

The combination of terminal and housing allows easy mating to a male tab. Unmating 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.

• **Stable contact performance**

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

• **Lanceless contacts help to prevent contact back out**

Removal of the locking lance from the contact and putting it in the housing, eliminates a major cause of contact backout due to damaged locking lances during termination and harness assembly.

• **Housing options:**

Selective removal of the built-in keys, allows for an infinite number of keying possibilities. In addition, contact cavities can be blocked using the cavity blocking plug or molded into the housing when volume requirements dictate. The housings can be molded in various colors.

Specifications

- Current rating: 20A AC, DC max. (#250 tab + AWG#12)
- Voltage rating: 250V AC, DC max.
- Temperature range: -40°C to +105°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 3m Ω max.
After environmental testing/ 6m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 2,000V AC/minute
- Applicable wire: #250...AWG #22 to #12
- Applicable tab: #250 Tab 0.8mm(.031") thick

- * 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.

Standards



Recognized E60389

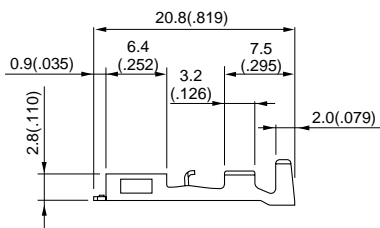
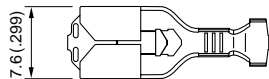
Certified C22.2 #182.3-M1987

RSF CONNECTOR

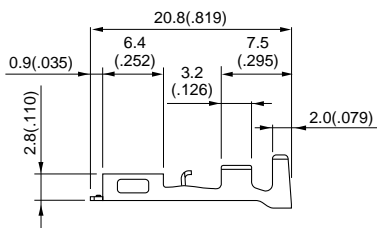
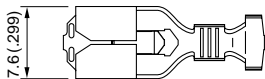
Contact

#250 Series

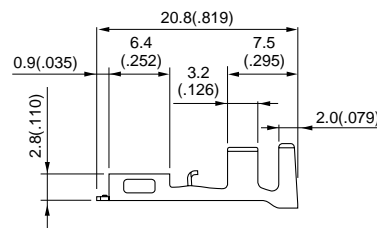
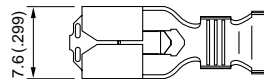
SRSF-21T-250A* (Tin Plated)
SRSF-21-250A* (Unplated)



SRSF-61T-250A* (Tin Plated)
SRSF-61-250A* (Unplated)

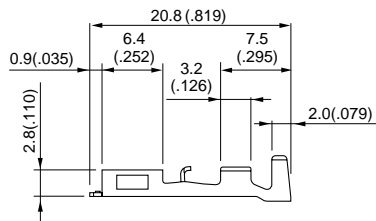
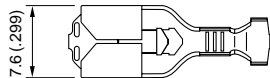


SRSF-91T-250A* (Tin Plated)
SRSF-91-250A* (Unplated)

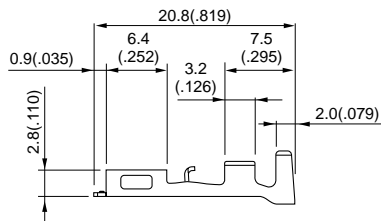
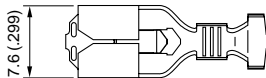


#250 Series Nickel Plated Steel

SRSF-21N-250FE*

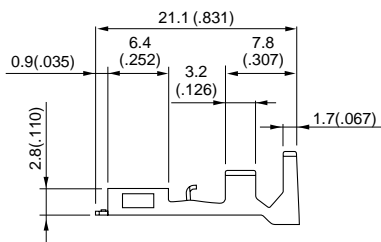
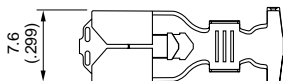


SRSF-61N-250FE*



#250 Series Double Wire Crimp

SRSF-82T-250A* (Tin Plated)
SRSF-82-250A* (Unplated)



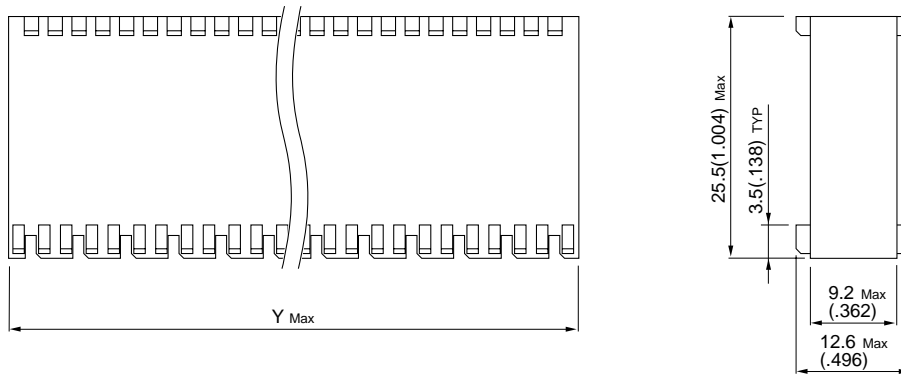
Note: *Contact JST for availability.

Contact

Model No.	Series	Applicable wire			Material	Finish	Q'ty / reel
		mm ²	AWG # UL1015	Insulation O.D. mm(in.)			
SRSF-21-250A*	#250	0.32 to 0.82	22 to 18	2.5 to 3.0(.098 to .118)	Brass	—	5,000
SRSF-21T-250A*						Tin-plated	
SRSF-61-250A		0.82 to 2.08	18 to 14	3.0 to 3.9(.118 to .154)	Brass	—	5,000
SRSF-61T-250A						Tin-plated	
SRSF-91-250A*		2.08 to 3.30	14 to 12	3.9 to 4.4(.154 to .173)	Brass	—	5,000
SRSF-91T-250A*						Tin-plated	
SRSF-82-250A*		0.82+0.82, 1.31+1.31, 1.31+0.52	18+18, 16+16, 16+20	3.0+3.0 to 3.4+3.4(.118+.118 to .134+.134)	Brass	—	5,000
SRSF-82T-250A*						Tin-plated	
SRSF-21N-250FE*		0.32 to 0.82	22 to 18	2.5 to 3.0(.098 to .118)	Steel	Nickel-plated	5,000
SRSF-61N-250FE*		0.82 to 1.25	18 to 16	3.0 to 3.4(.118 to .134)			

Note: Contact Extraction Tool Part Number: AEJ-RSF250H
*Contact JST for availability.

RSF Series Connectors



Circuits	Model No.	Q'ty/bag	"Y"Max.mm(in.)	Applicable terminal
2	RSFP-2V	3,000	10.0(.394)	SRSF-21T-250A SRSF-21-250A SRSF-61T-250A SRSF-61-250A SRSF-91T-250A SRSF-91-250A SRSF-82T-250A SRSF-82-250A SRSF-21N-250FE SRSF-61N-250FE
3	RSFP-3V	2,000	15.0(.591)	
4	RSFP-4V	2,000	20.0(.787)	
5	RSFP-5V	1,500	25.0(.984)	
6	RSFP-6V	1,000	30.0(1.181)	
7	RSFP-7V	1,000	35.0(1.378)	
8	RSFP-8V	1,000	40.0(1.575)	
9	RSFP-9V	800	45.0(1.772)	
10	RSFP-10V	500	50.0(1.969)	
11	RSFP-11V	500	55.0(2.165)	
12	RSFP-12V	500	60.0(2.362)	

Material and Finish

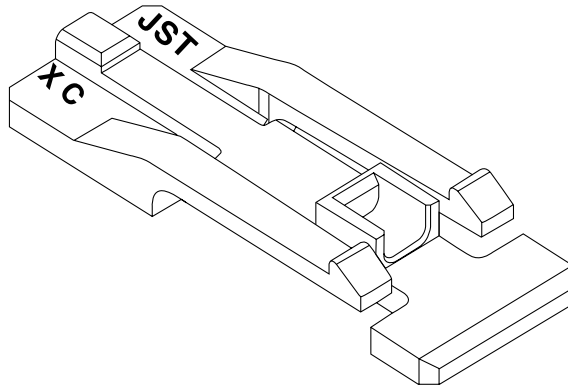
Nylon 66, UL94V-0, natural(white) Other colors available upon request.

Notes: Consult JST for keying options and colored housings.
Cavity Blocking Plug Part Number: RSFP-PK.
Mates with NEMA, PC Mounted tabs only.

RSF CONNECTOR

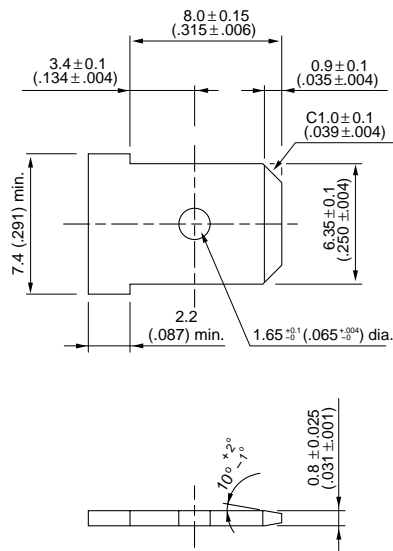
Cavity Blocking Plug

RSFP-PK



Applicable tab

0.250" x 0.031" Tab



Note: Make sure there are no unneeded ribs or other protuberances on tab surfaces.