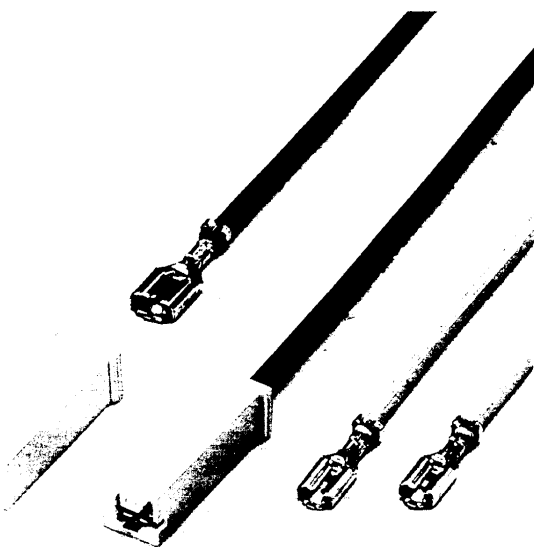




PS CONNECTOR

Connectors for tabs



Features

•Secure locking, easy insertion

The combination of terminal and housing provides easy mating onto the male tab. Unmating is also easy, by holding the housing while pulling, the contact lock spring is disengaged by the taper inside the housing. Should you accidentally pull the wire, the locking mechanism ensure that disengagement does not take place.

•Stable contact performance

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


•Mis-insertion prevention mechanism and housing lance

Inside the housing is a stopper that prevents mis-insertion, which ensures that someone will not mistakenly insert a contact in the housing. What's more, use of a housing lance means that only slight force is needed to insert a contact, even though the contact is held firmly in place.


Specifications

- Current rating: 25.0A AC, DC(#250+AWG #10)
- Voltage rating: 250V AC, DC
- Temperature range: -40°C to +105°C
- Contact resistance: Initial value/ 3mΩ max.
After environmental testing/ 6mΩ max.
- Insulation resistance: 1,000MΩ min.
- Withstanding voltage: 2,000V AC/ minute
- Applicable wire: #110...AWG #26 to #16
#187...AWG #26 to #14
#205...AWG #22 to #14
#250...AWG #18 to #10
- Applicable Tab: #110 Tab 0.5mm(.020") thick
#187 Tab 0.5mm(.020")/0.8mm(.031") thick
#205 Tab 0.5mm(.020") thick
#250 Tab 0.8mm(.031") thick

Standards

 Recognized E60389

 Certified LR20812

 R9850196

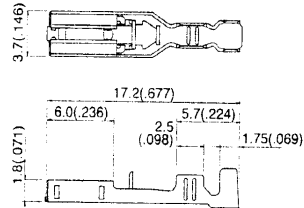
*Contact JST for details.

PS CONNECTOR

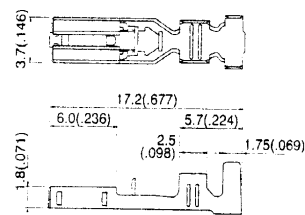
Contact

#110 Series

SPS-01T-110

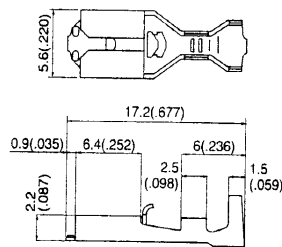


SPS-41T-110

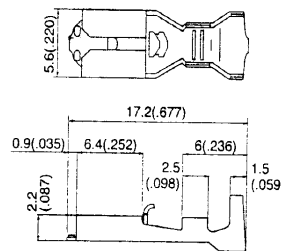


#187 Series

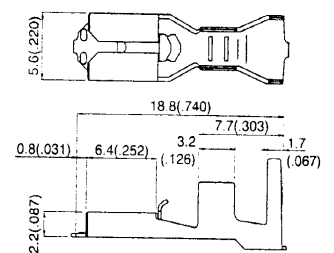
SPS-01T-187...for 0.5mm(.020") thick tabs



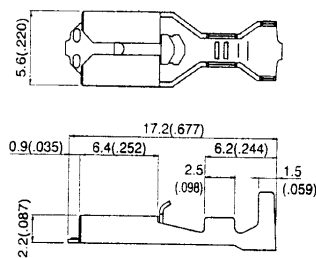
SPS-51T-187...for 0.5mm(.020") thick tabs



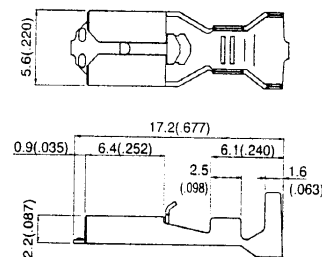
SPS-82T-187...for 0.5mm(.020") thick tabs



SPS-01T-187-8...for 0.8mm(.031") thick tabs

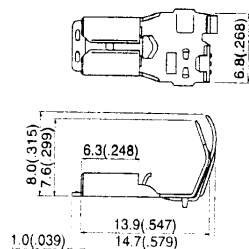


SPS-51T-187-8...for 0.8mm(.031") thick tabs

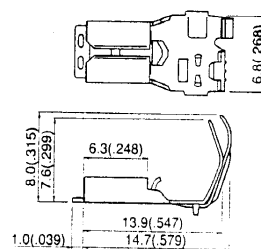


<Flag type>

SFPS-41T-187...for 0.5mm(.020") thick tabs



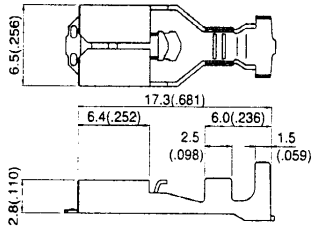
SFPS-41T-187-8...for 0.8mm(.031") thick tabs



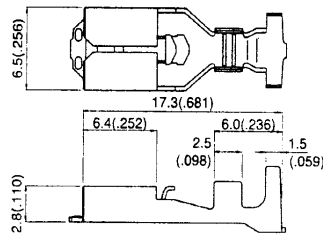
Contact

#205 Series

SPS-21T-205

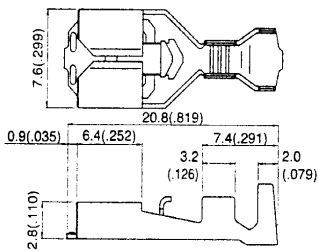


SPS-51T-205

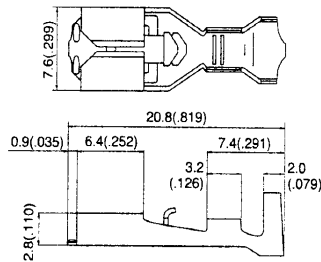


#250 Series

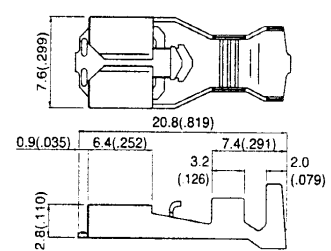
SPS-21T-250



SPS-61T-250

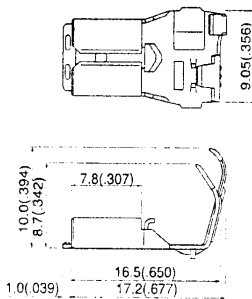


SPS-91T-250

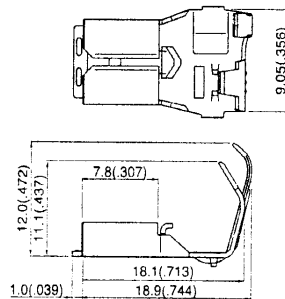


<Flag type>

SFPS-61T-250



SFPS-91T-250

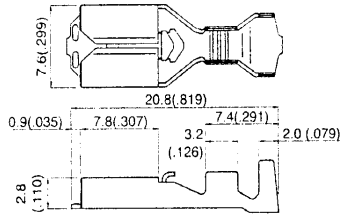


PS CONNECTOR

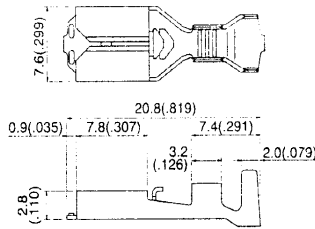
Contact

#250S Series

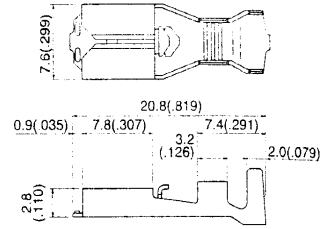
SPS-21T-250S



SPS-61T-250S



SPS-91T-250S



Series	Model No.	Applicable wire			Qty/reel
		mm ²	AWG #	Insulation O.D.mm(in.)	
#110	SPS-01T-110	0.21 to 0.5	24 to 20	1.0 to 2.5(.039 to .098)	10,000
	SPS-41T-110	0.5 to 1.25	20 to 16	1.9 to 3.4(.075 to .134)	10,000
#187	SPS-01T-187	0.13 to 0.5	26 to 20	1.3 to 3.4(.051 to .134)	10,000
	SPS-51T-187	0.5 to 2.0	20 to 14	1.9 to 3.6(.075 to .142)	7,500
	SPS-82T-187	0.75+0.75 to 1.25+1.25	18+18 to 16+16	2.1+2.1 to 2.9+2.9(.083+.083 to .114+.114)	3,500
	SPS-01T-187-8	0.13 to 0.5	26 to 20	1.3 to 3.4(.051 to .134)	10,000
	SPS-51T-187-8	0.5 to 2.0	20 to 14	1.9 to 3.6(.075 to .142)	7,500
#187 flag	SFPS-41T-187	0.3 to 1.25	22 to 16	1.7 to 3.4(.067 to .134)	5,000
	SFPS-41T-187-8	0.3 to 1.25	22 to 16	1.7 to 3.4(.067 to .134)	5,000
#205	SPS-21T-205	0.3 to 0.75	22 to 18	1.5 to 3.1(.059 to .122)	5,000
	SPS-51T-205	0.5 to 2.0	20 to 14	1.9 to 3.6(.075 to .142)	5,000
#250	SPS-21T-250	0.3 to 0.75	22 to 18	1.5 to 3.1(.059 to .122)	5,000
	SPS-61T-250	0.75 to 2.0	18 to 14	2.1 to 3.9(.083 to .154)	5,000
	SPS-91T-250	2.0 to 5.5	14 to 10	3.0 to 4.7(.118 to .185)	4,000
#250 flag	SFPS-61T-250	0.75 to 2.0	18 to 14	2.1 to 3.9(.083 to .154)	3,000
	SFPS-91T-250	3.5 to 5.5	12 to 10	4.0 to 5.2(.157 to .205)	—
#250S	SPS-21T-250S	0.3 to 0.75	22 to 18	1.5 to 3.1(.059 to .122)	5,000
	SPS-61T-250S	0.75 to 2.0	18 to 14	2.1 to 3.9(.083 to .154)	5,000
	SPS-91T-250S	2.0 to 5.5	14 to 10	3.0 to 4.7(.118 to .185)	4,000

Material and Finish

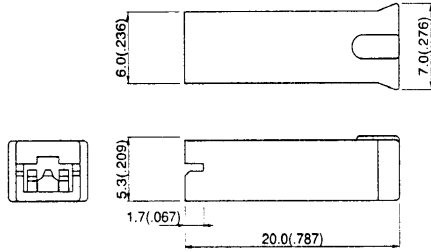
Brass, tin-plated

PS CONNECTOR

Housing

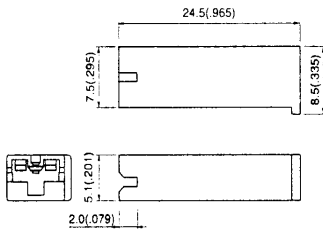
#110 Series

PS-110

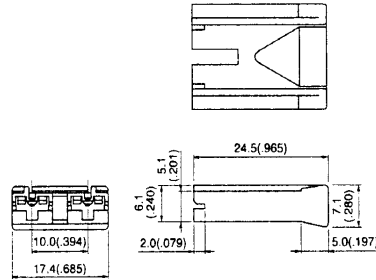


#187 Series

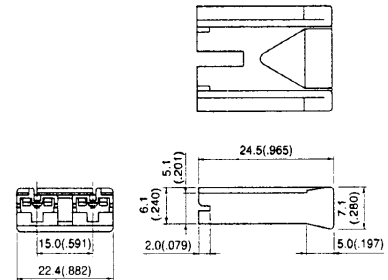
PS-187



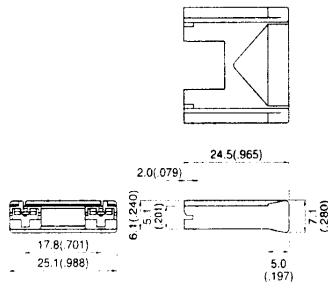
PS-187-2A-10



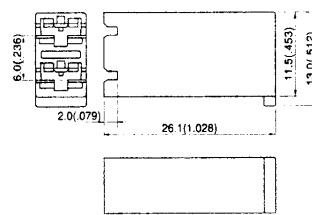
PS-187-2A-15



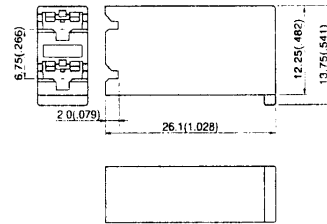
PS-187-2A-17.8



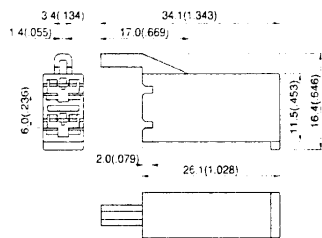
PS-187-2B



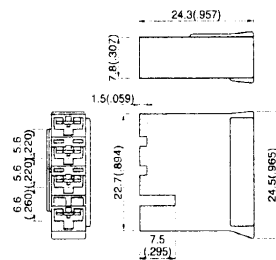
PS-187-2B-6.75



PS-187-2B1



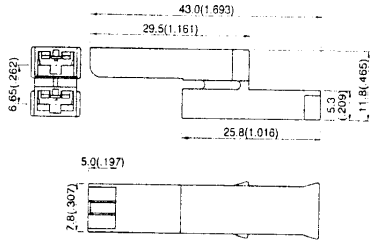
PS-187-4B



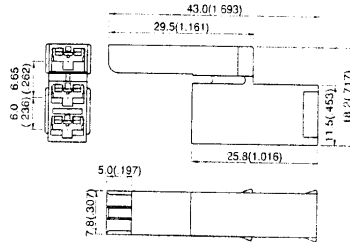
PS CONNECTOR

#187 Series

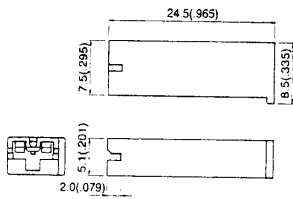
PS-187-2V



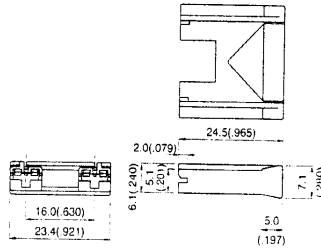
PS-187-3V



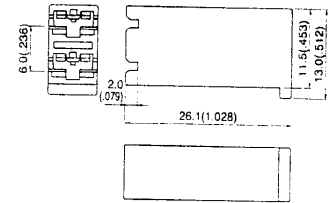
PS-187-8-T-H



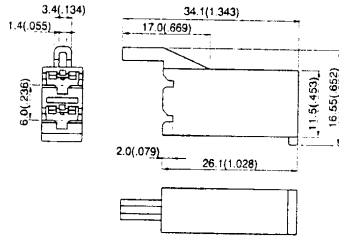
PS-187-2A-16-8-T-H



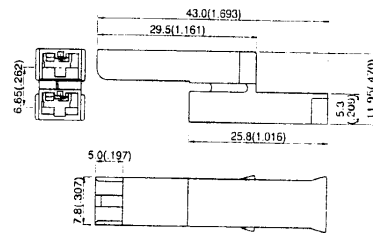
PS-187-2B-8-T-H



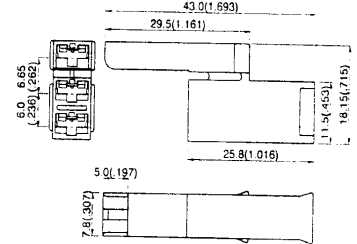
PS-187-2B1-8-T-H



PS-187-2V-8-T-H

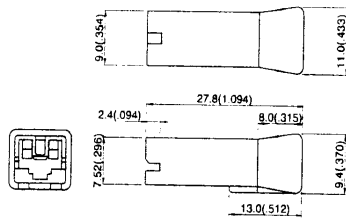


PS-187-3V-8-T-H



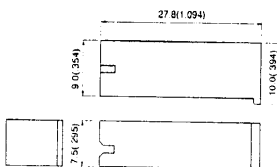
#250S Series

NPS-250-A

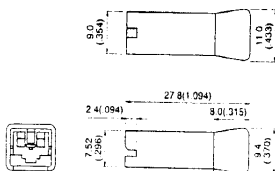


#250 Series

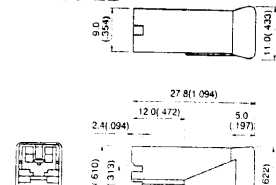
PS-250



PS-250-A



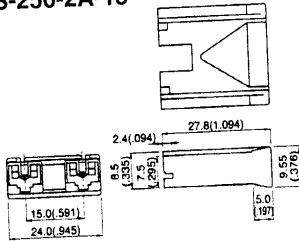
PS-250-2B



PS CONNECTOR

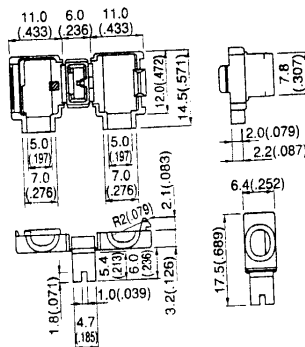
#250 Series

PS-250-2A-15

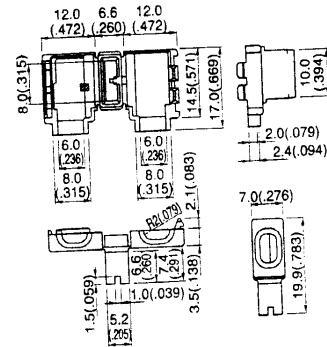


One-touch sleeve

FPS-187



FPS-250



Series	Model No.	Q'ty/bag	Applicable terminal		
#110	PS-110	1,000	SPS-01T-110, SPS-41T-110		
	PS-187	1,000			
	PS-187-2A-10	1,000			
	PS-187-2A-15	500			
	PS-187-2A-17.8	500			
	PS-187-2B	—			
	PS-187-2B-6.75	—			
	PS-187-2B1	500			
	PS-187-4B	500			
	PS-187-2V	500			
	PS-187-3V	500			
#187	※ PS-187-8-T-H	1,000	SPS-01T-187-8 SPS-51T-187-8		
	※ PS-187-2A-16-8-T-H	500			
	※ PS-187-2B-8-T-H	500			
	※ PS-187-2B1-8-T-H	500			
	※ PS-187-2V-8-T-H	500			
	※ PS-187-3V-8-T-H	500			
	#250S	NPS-250-A		—	SPS-21T-250S SPS-61T-250S SPS-91T-250S
		PS-250		1,000	SPS-21T-250 SPS-61T-250 SPS-91T-250
PS-250-A		500			
PS-250-2B	500				
#250	PS-250-2A-15	500	SFPS-41T-187		
	FPS-187	500	SFPS-61T-250		
One-touch sleeve	FPS-250	500			

Material and Finish

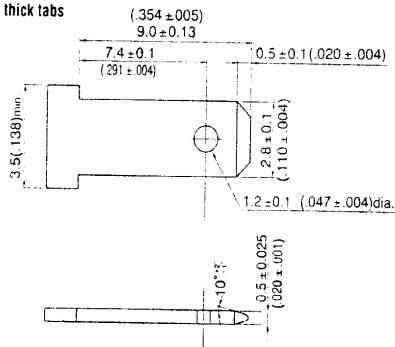
Nylon 66, UL94V-0, natural(white)
UL94V-2, gray <※-marked housing...for 0.8mm(.031") thick tabs>

Note:FPS-187 and FPS-250 are UL recognized with File No.E55167, but not CSA certified.

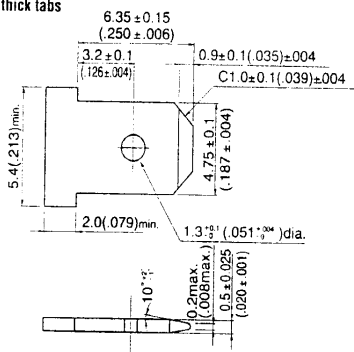
PS CONNECTOR

Applicable tab

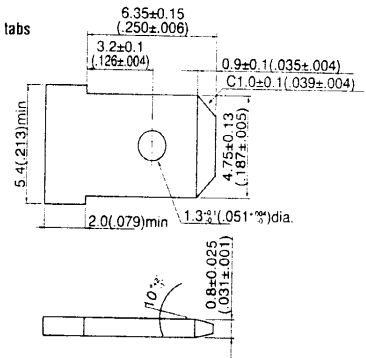
#110...for 0.5mm(.020") thick tabs



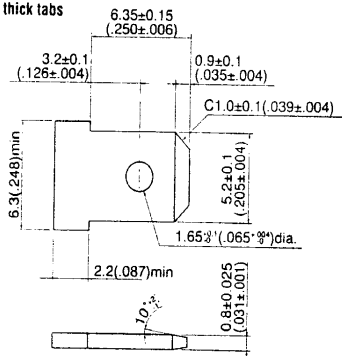
#187...for 0.5mm(.020") thick tabs



#187...for 0.8mm(.031") thick tabs



#205...for 0.8mm(.031") thick tabs



#250...for 0.8mm(.031") thick tabs

