

CATÁLOGO DE PRODUTOS RSE

PRODUTO: **CONECTOR MINI FIT**



RSE
Automação e Componentes Eletrônicos

CONNECTOR MINI FIT

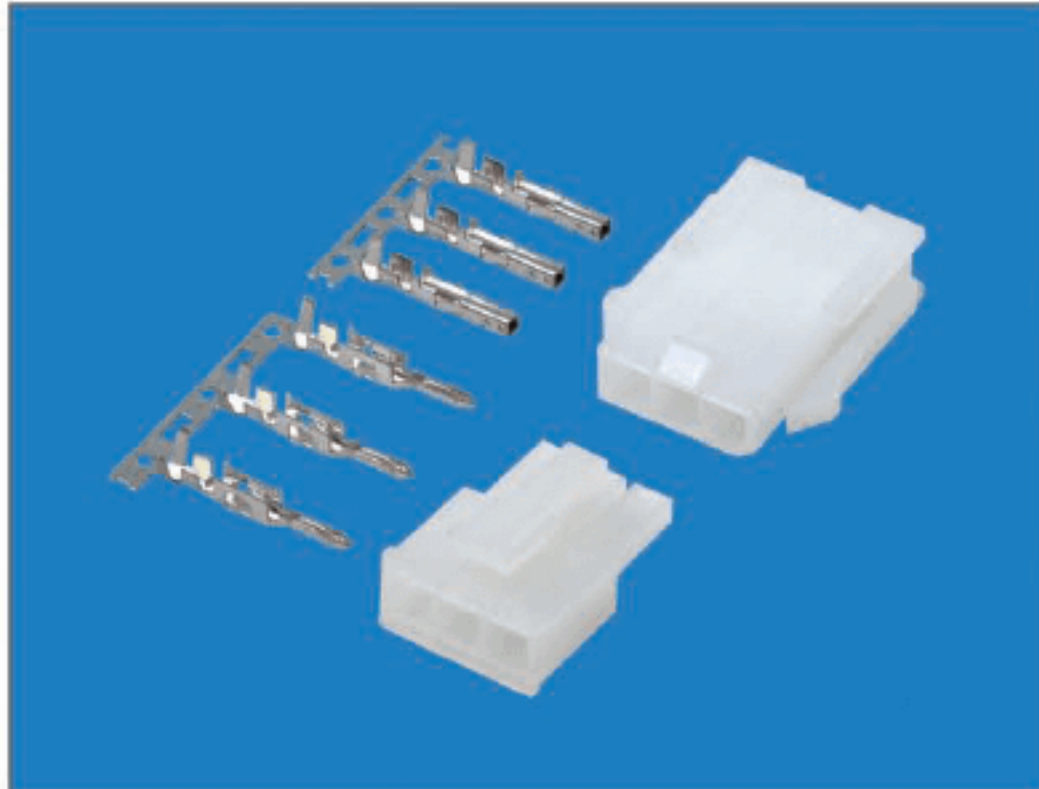
Conector Mini Fit

SPECIFICATIONS

Poles: 2, 3, 4, 5
Aplicable wires: AWG28#~16#
Aplicable PC board thickness: 1.6~2.0mm
Temperature range: -25°C ~85°C
Voltage rating: 300V.AC/DC
Current rating: 9Amax
Contact resistance: $\leq 0.015\Omega$
Insulation resistance: $\geq 1000M\Omega$
Withstand voltage: 1500V.AC/1min

MATERIAL

Plug housing: (PA66) UL94V-2(0)
Receptacle housing: (PA66) UL94V-2(0)
Terminal: (Phos.bronze Tin/plated)



Terminal(5556)

Type	Aplicable wires		O.D of wire ins
	mm ²	AWG#	mm
5555-PT-A	0.08~0.33	28~22	0.9~1.7
5556-PT-B	0.5~1.25	20~16	1.9~3.4

Terminal(5558)

Type	Aplicable wires		O.D of wire ins
	mm ²	AWG#	mm
5558-RT-A	0.05~0.12	28~22	0.9~1.7
5558-RT-B	0.5~1.25	20~16	1.9~3.4

5556-PT 		5558-RT 	
Poles	Plug housing	Receptacle housing	Mounting measurement
2	5557-2PN 	5559-2RN 	
3	5557-3P 	5559-3R 	
3	5557-3PN 		
4	5557-4PN 	5559-4RNF 	
5	5557-5P 	5559-5R 	

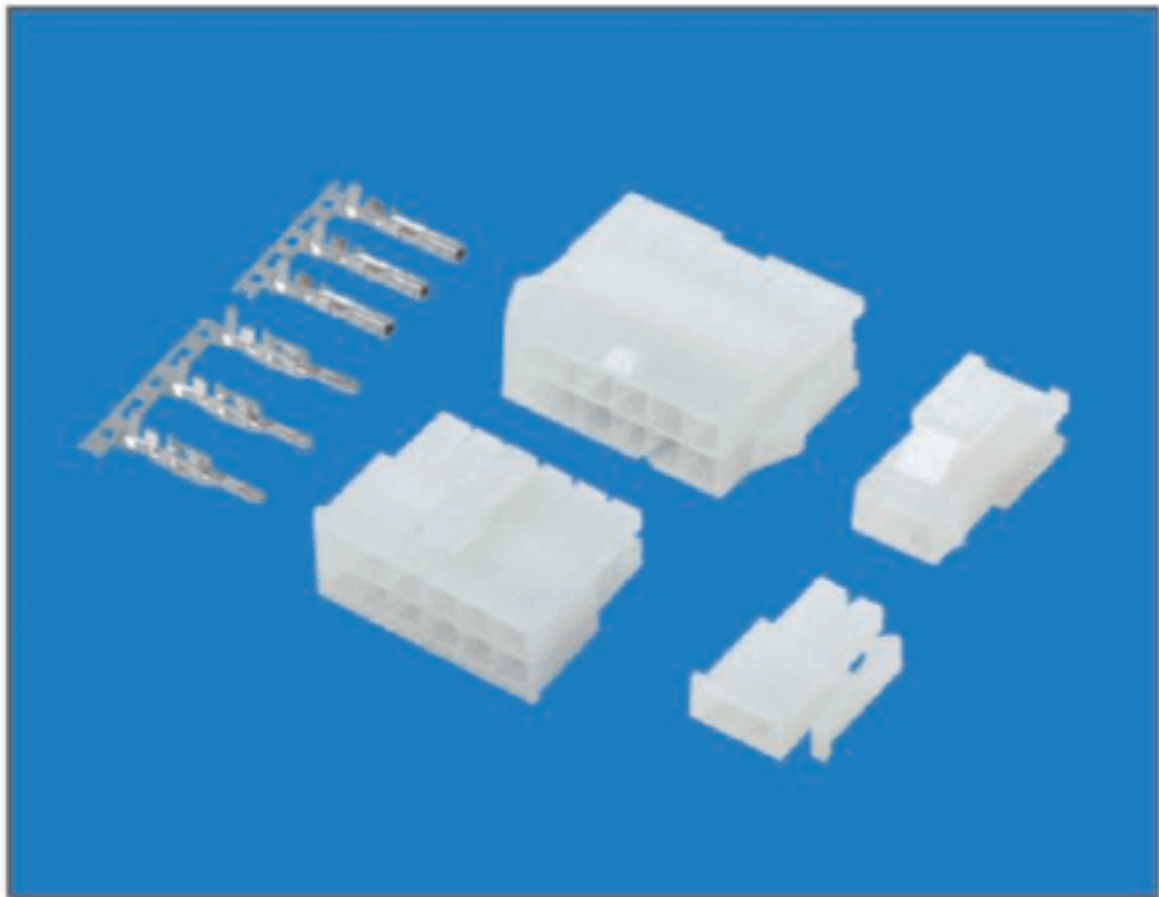
Conector Mini Fit

SPECIFICATIONS

Poles: 2~24
Aplicable wires: AWG28#~16#
Aplicable PC board thickness: 1.6~2.0mm
Temperature range: -25°C ~85°C
Voltage rating: 300V.AC/DC
Current rating: 9Amax
Contact resistance: ≤ 0.015Ω
Insulation resistance: ≥ 1000MΩ
Wihstand voltage: 1500V.AC/1mim

MATERIAL

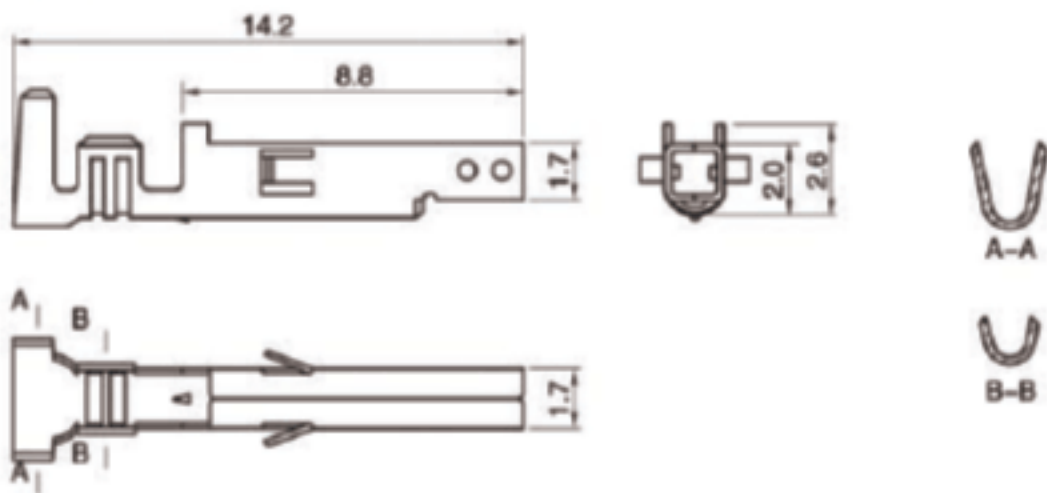
Plug housing: (PA66) UL94V-2(0)
Receptacle housing: (PA66) UL94V-2(0)
Terminal: (Phos.bronze Tin/plated)



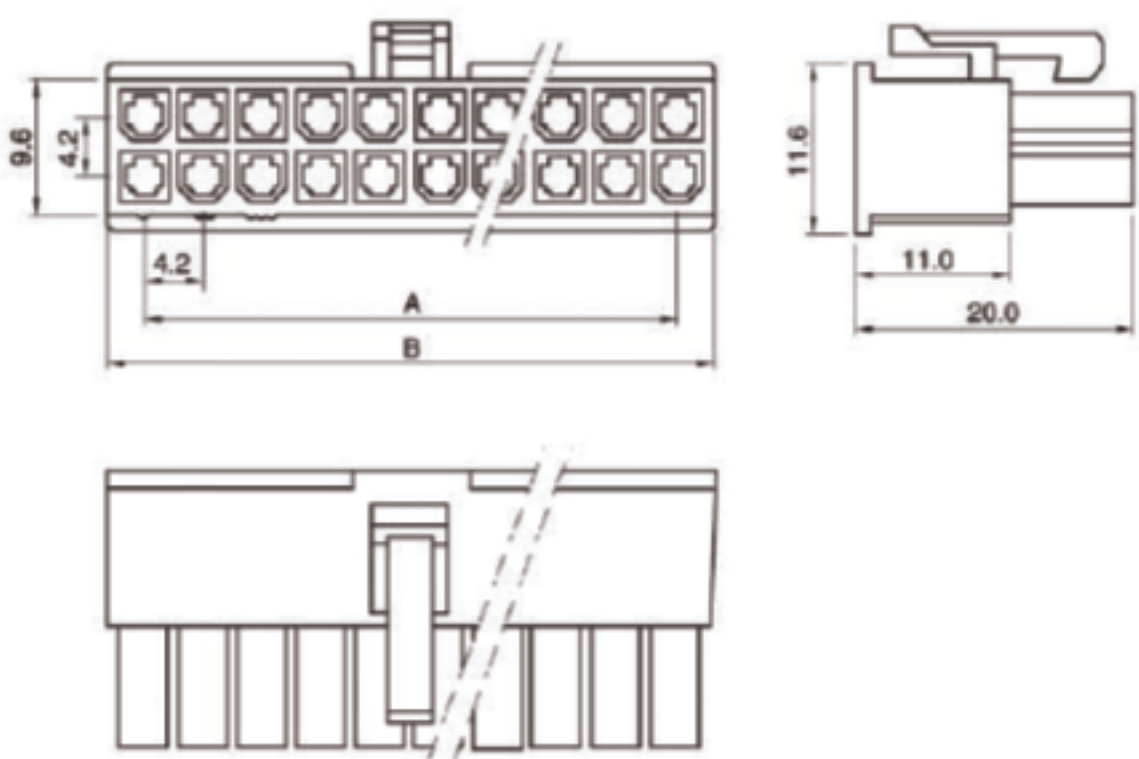
Terminal(5556 5558)

Type	Aplicable wires		O.D of wire ins
	mm ²	AWG#	mm
5556-PT-A	0.08~0.33	28~22	0.9~1.7
5556-PT-B	0.5~1.25	20~16	1.9~3.4
5558-RT-A	0.05~0.12	28~22	0.9~1.7
5558-RT-B	0.5~1.25	20~16	1.9~3.4

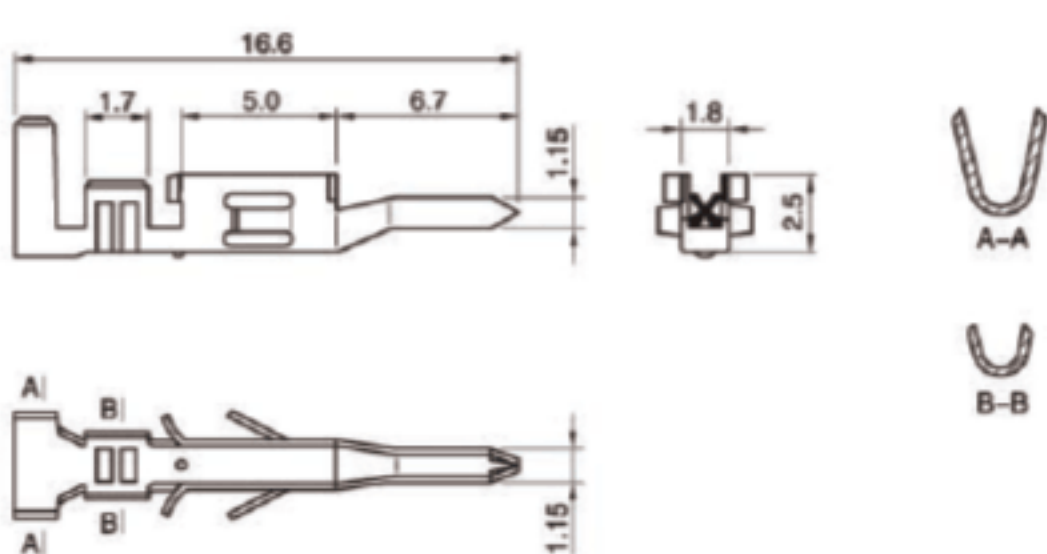
5556-PT



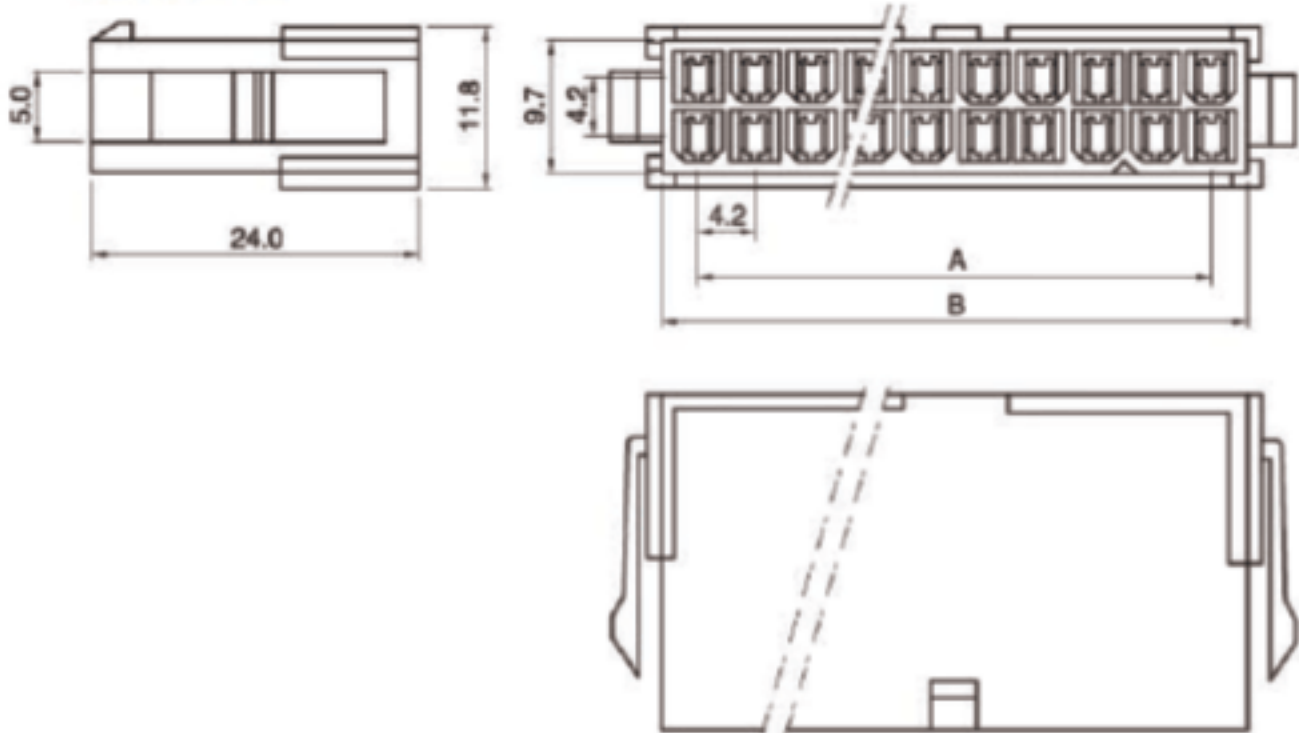
5557-P



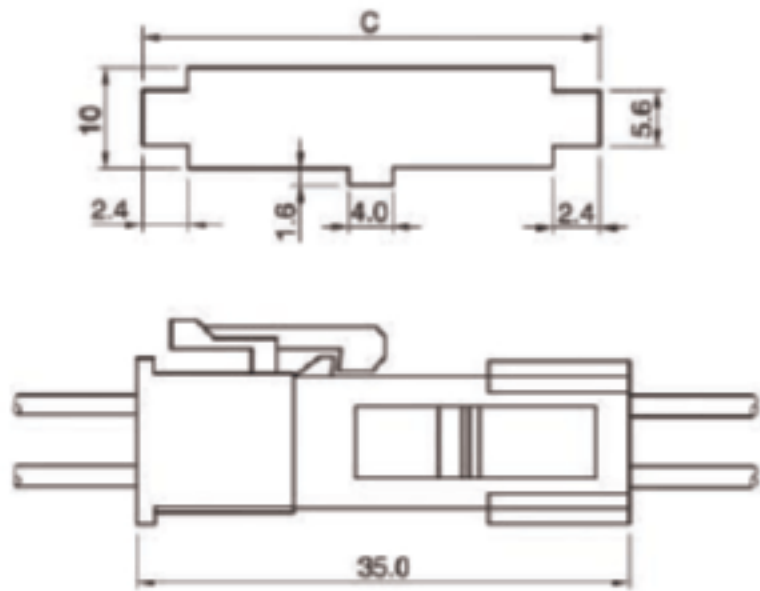
5558-RT



5559-R



MOUNTING MEASUREMENT



Receptacle Housing(5559)

Poles	Type	Size(mm)		
		A	B	C
2	5559-2R	0	5.6	10.8
2	5559-2RF	0	5.4	—
4	5559-4R	4.2	9.8	15.0
6	5559-6R	8.4	14.0	19.2
8	5559-8R	12.6	18.2	23.4
8	5559-8RF	12.6	18.2	—
10	5559-10R	16.8	22.4	27.6
10	5559-10RF	16.8	22.4	—
12	5559-12R	21.0	26.6	31.8
14	5559-14R	25.2	30.8	36.0
16	5559-16R	29.4	35.0	40.2
18	5559-18R	33.6	39.2	44.4
20	5559-20R	37.8	43.4	48.6
22	5559-22R	42.0	47.6	52.8
24	5559-24R	46.2	51.8	57.0

Plug Housing(5557)

Poles	Type	Size(mm)	
		A	C
2	5557-2P	0	5.6
4	5557-4P	4.2	9.8
6	5557-6P	8.4	14.0
8	5557-8P	12.6	18.2
10	5557-10P	16.8	22.4
12	5557-12P	21.0	26.6
14	5557-14P	25.2	30.8
16	5557-16P	29.4	35.0
18	5557-18P	33.6	39.2
20	5557-20P	37.8	43.4
22	5557-22P	42.0	47.6
24	5557-24P	46.2	51.8