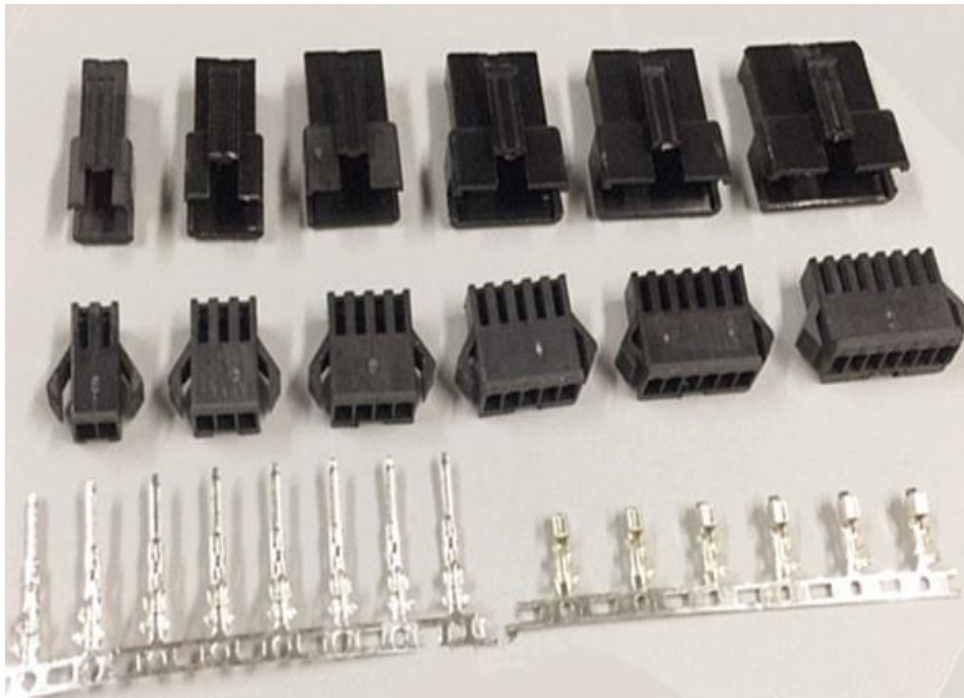




Data Specs

SM Wire-to-Wire Connector 2.54mm Pitch

The SM series are 2.5mm pitch, disconnectable crimp style wire-to-wire connectors that perform reliably in high-density, small current applications.



SKU: [CON-1098](#)

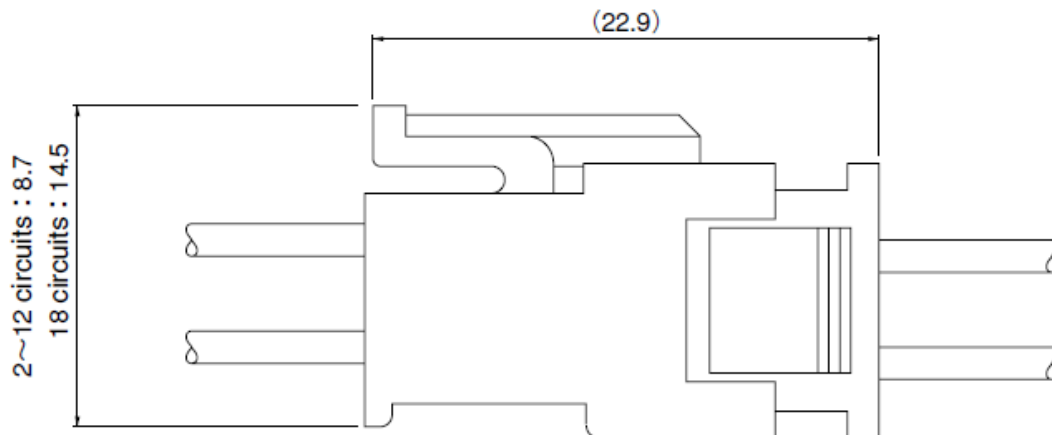
Brief Data:

- Current rating: 3A AC/DC.
- Voltage rating: 250V AC/DC.
- Temperature range: -25°C to +85 °C
- Contact resistance: 10mΩ Max.
- Insulation resistance: 1000MΩ Min
- Withstand voltage: 1000VAC@minute.
- Material: Phosphoric copper Tin-plated.
- Color: Black.
- Applicable wire sizes: AWG 28~22.
- Arm lock mechanism.
- Pitch: 2.54mm.
- Pin: 2 ~10.

Mechanical Dimension:

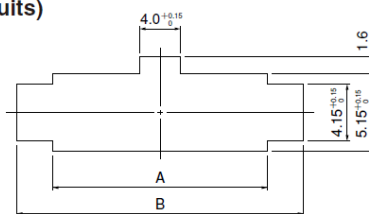
Unit: mm

Assembly Layout:

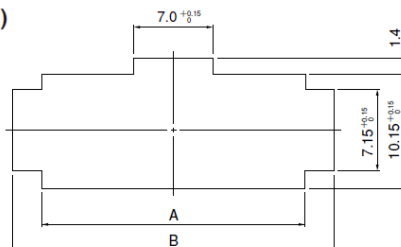


Panel Layout:

(2 to 12 circuits)



(18 circuits)



Circuits	Plug housing Model No.	Panel thickness (mm)					
		0.5~0.9		1.0~1.5		1.5~2.0	
		Panel hole dimensions (mm) General tolerance					
		A ^{+0.15/0}	B ^{±0.1}	A ^{+0.15/0}	B ^{±0.1}	A ^{+0.15/0}	B ^{±0.1}
2	SMP-02V-B(N)C	5.7	9.6	5.7	9.8	5.7	10.0
3	SMP-03V-B(N)C	8.2	12.1	8.2	12.3	8.2	12.5
4	SMP-04V-B(N)C	10.7	14.6	10.7	14.8	10.7	15.0
5	SMP-05V-B(N)C	13.2	17.1	13.2	17.3	13.2	17.5
6	SMP-06V-B(N)C	15.7	19.6	15.7	19.8	15.7	20.0
7	SMP-07V-B(N)C	18.2	22.1	18.2	22.3	18.2	22.5
8	SMP-08V-B(N)C	20.7	24.6	20.7	24.8	20.7	25.0
9	SMP-09V-B(N)C	23.2	27.1	23.2	27.3	23.2	27.5
10	SMP-10V-B(N)C	25.7	29.6	25.7	29.8	25.7	30.0
11	SMP-11V-B(N)C	28.2	32.1	28.2	32.3	28.2	32.5
12	SMP-12V-B(N)C	30.7	34.6	30.7	34.8	30.7	35.0
18	SMP-18V-B(N)C	23.2	27.2	23.2	27.4	23.2	27.6

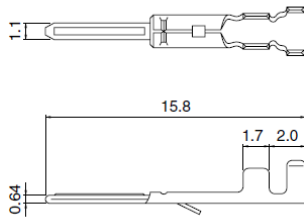
Note: 1. Punch holes in the panel according to the sketch and table shown above. Burrs must be removed.

2. The strength of the panel must be considered when punching two or more holes.

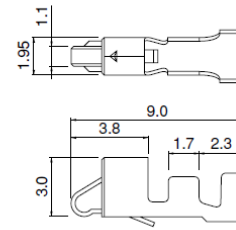
3. The connector must be inserted from the same side as the hole is punched.

Contact:

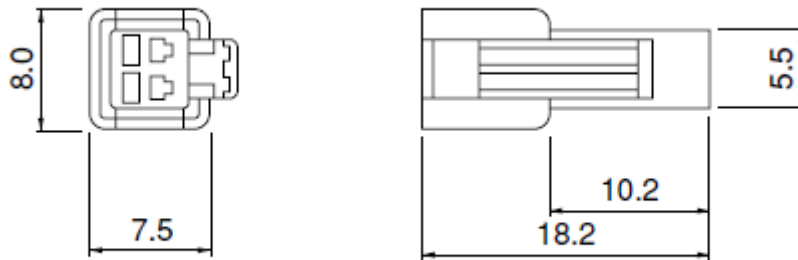
Pin contact



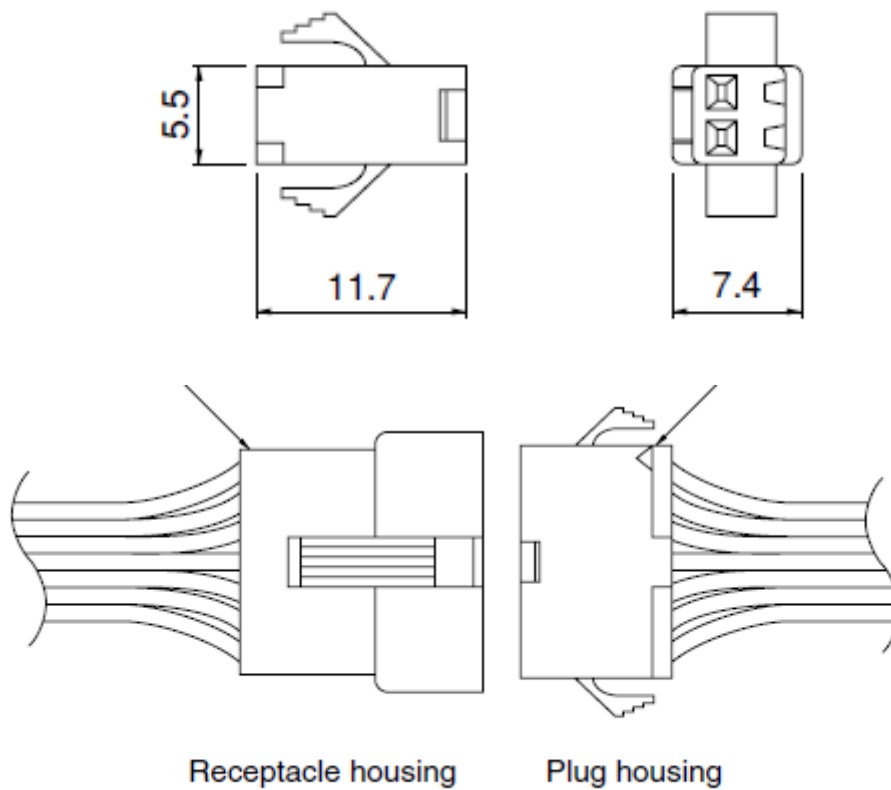
Socket contact



Receptacle Housing (For pin contact):



Plug Housing (For socket contact):





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