6.20 mm. POWER PLUG/RECEPT. HOUSING

6200 6.20 mm. (0.244") Pitch. General

Features

- Available in 2, 3, 4(2x2), 4(1x4), 6(2x3), 8(2x4), and 12(2x6) pins
- Mates with 6.20 mm. pitch 6200 crimp housing and 6.20 mm. header 6205 series
- Use crimp terminal 6201 and 6202 series
- Polarised with positive locking system
- Allows wire to wire and wire to PCB connections
- Inner-housing lock and outer-housing lock
- Applicable panel thickness: 0.80 to 2.0 mm.

Electrical Features

- Voltage rating: < 600V
- Current rating: < 20 A
- Contact resistance: < 7 mΩ
- Dielectric withstanding voltage: 2000 V AC/minute
- Insulation resistance: >1000 MΩ

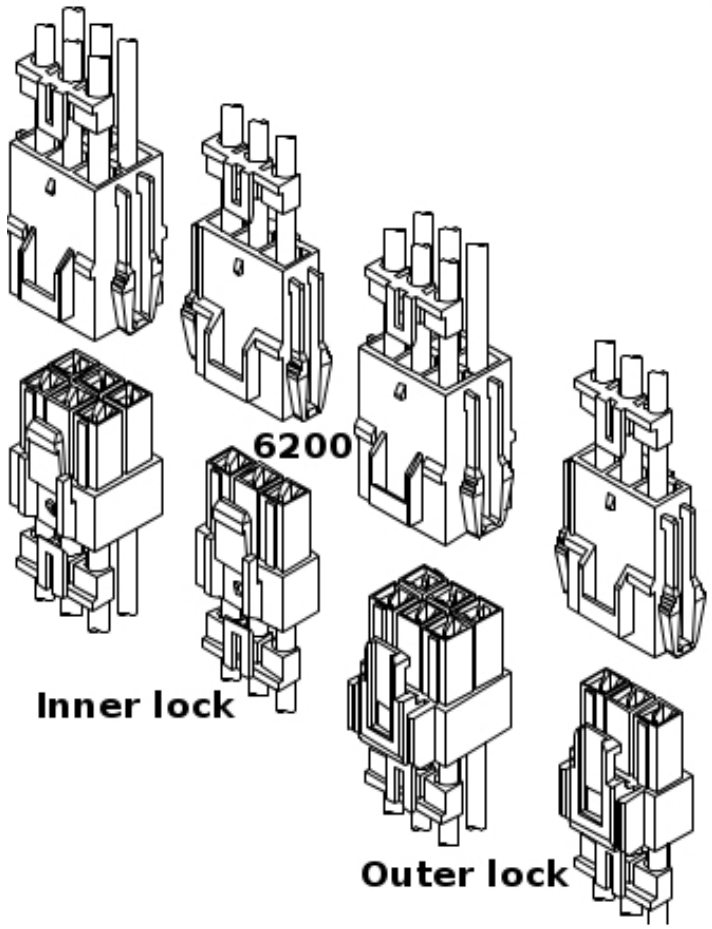
Materials

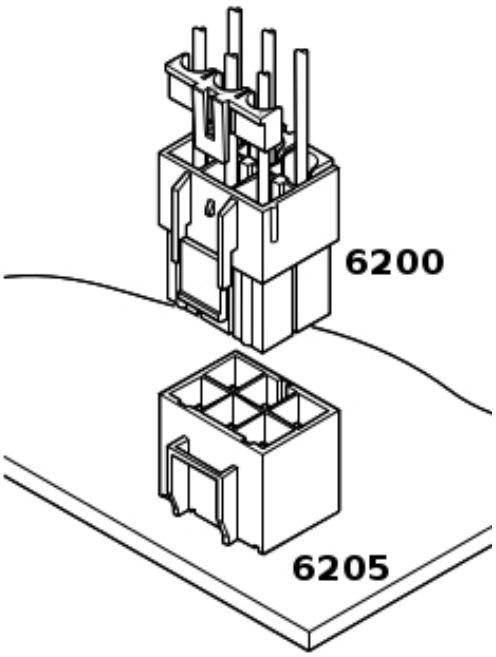
- Insulator: Nylon UL 94 V-0
- Retainer: Nylon 66 UL94V-0
- Operating temperature: -40°C to +105°C
- RoHS compliant

Mechanical Features

- Contact retention force to the housing: > 3.0 Kgf
- Insertion force to header: < 0.70 Kgf/pin
- Withdrawal force from header: < 0.05 Kgf/pin
- Durability: 25 cycles

Dimension Information





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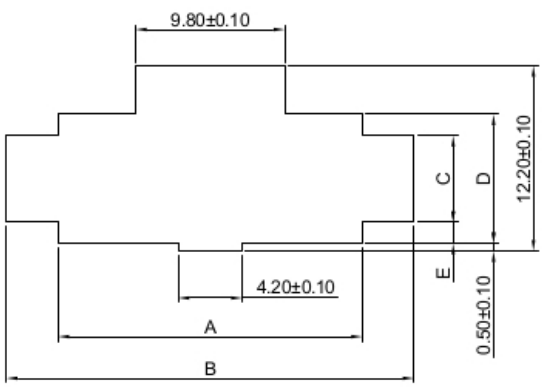
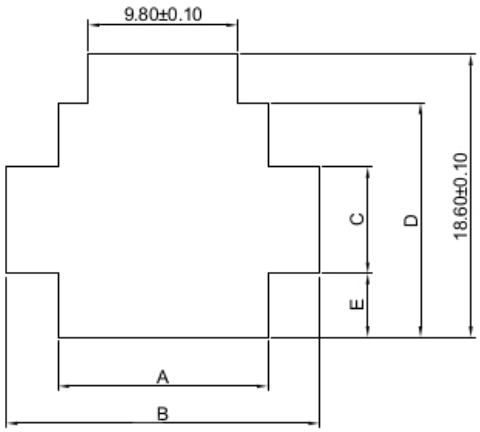


Shape I



Shape II

PART NO.	Panel hole shape	Panel hole Dimensions					applicable panel thickness (mm)
		A	B	C	D	E	
6200-2011	I	13.80	20.60	5.70	8.50	1.40	0.5-2.0
6200-2021	I	20.00	26.80	5.70	8.50	1.40	
6200-2031	I	26.20	33.00	5.70	8.50	1.40	
6200-2041	II	13.80	20.60	7.00	15.40	4.20	
6200-2061	II	20.00	26.80	7.00	15.40	4.20	
6200-2081	II	26.20	33.00	7.00	15.40	4.20	
6200-2121	II	38.90	45.40	7.00	15.40	4.20	

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

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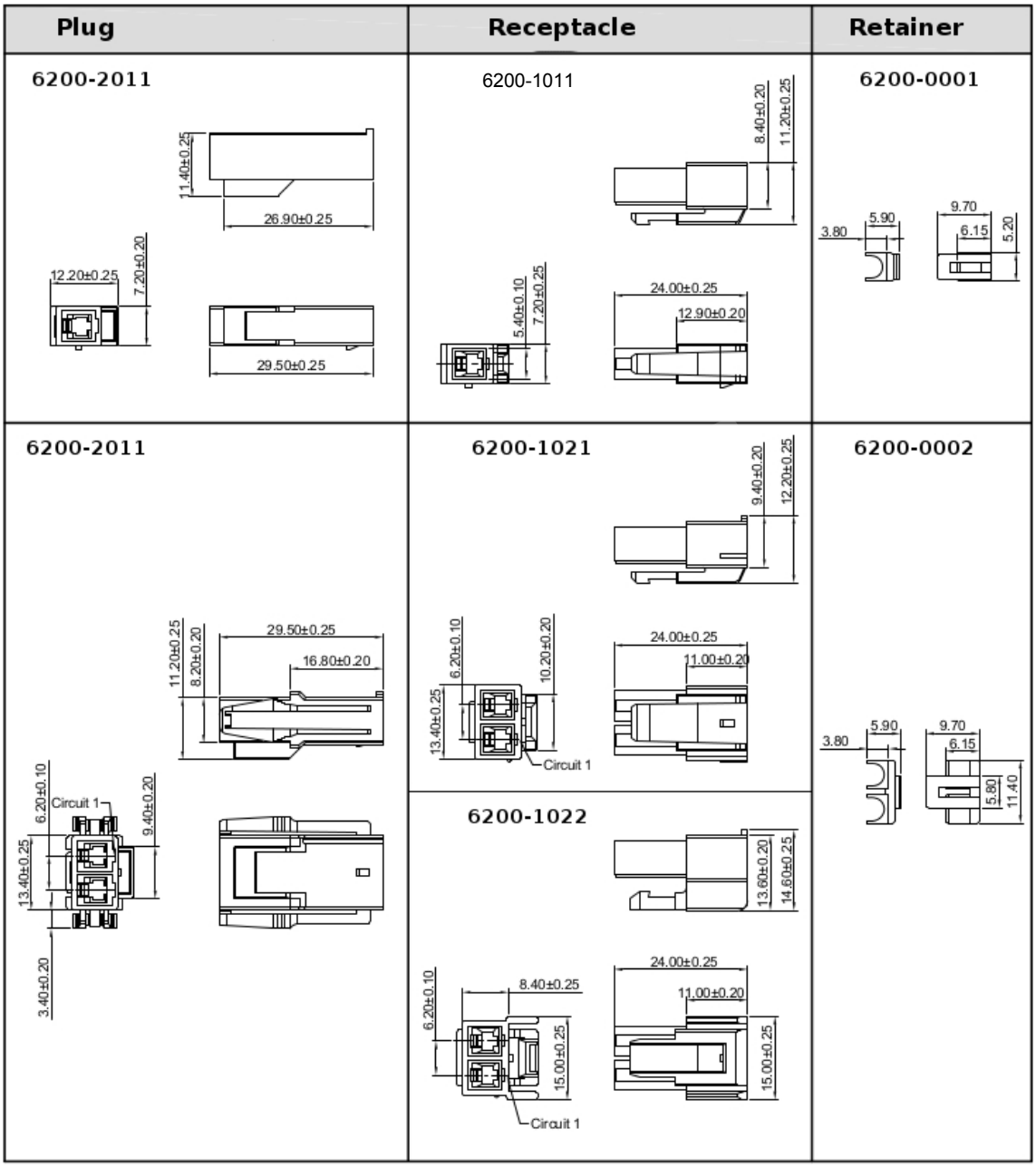
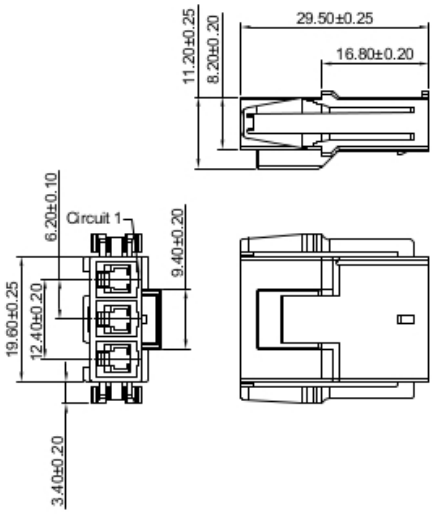
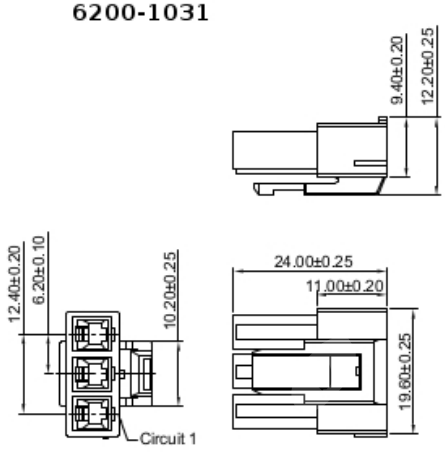
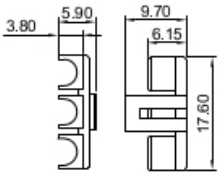
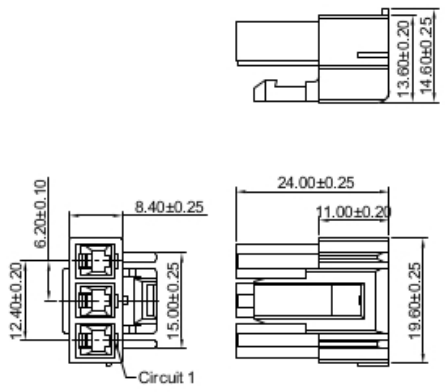
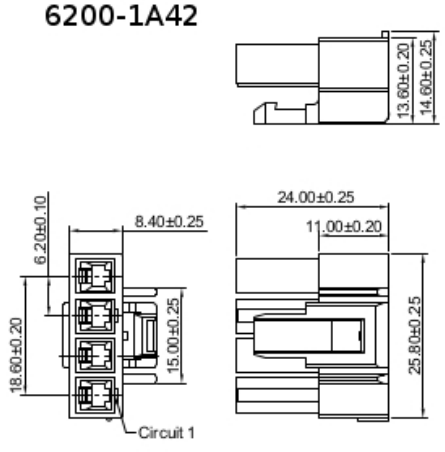
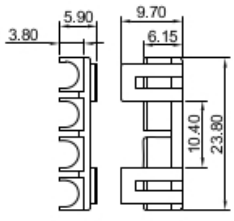


6.20 mm. POWER PLUG/RECEPT. HOUSING

6200 6.20 mm. (0.244") Pitch.

Plug	Receptacle	Retainer
6200-2031 	6200-1031 	6200-0003 
	6200-1032 	
	6200-1A42 	6200-0004 

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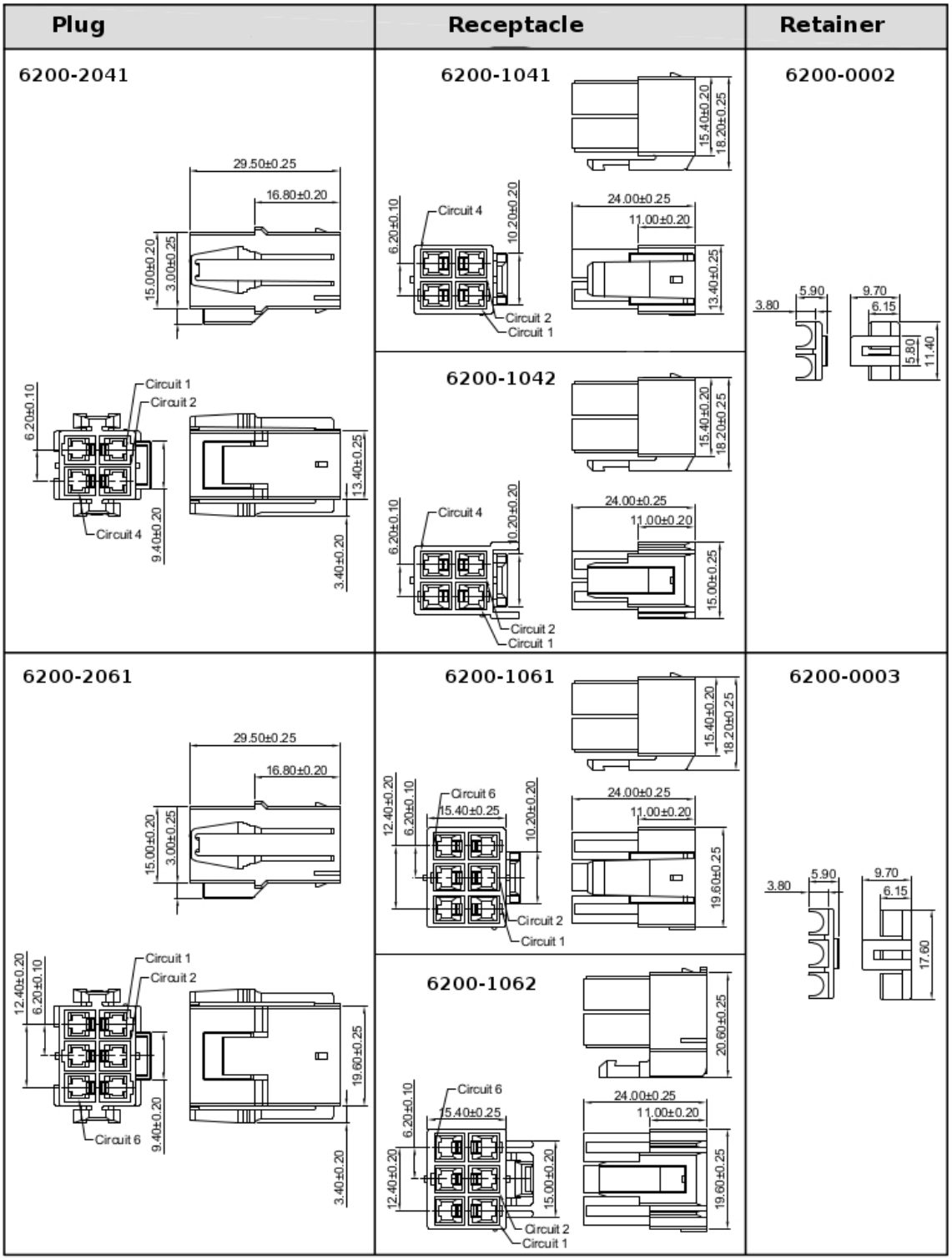

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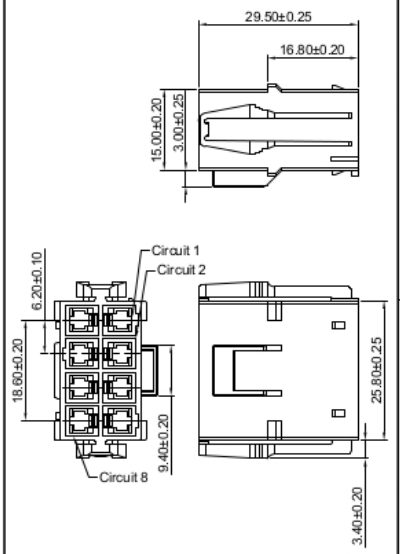
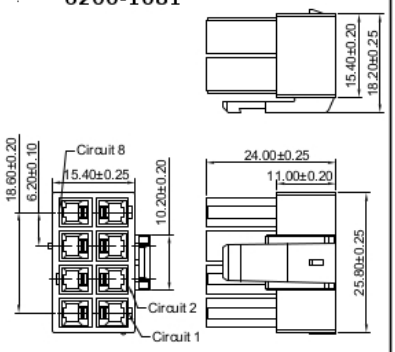
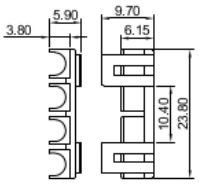
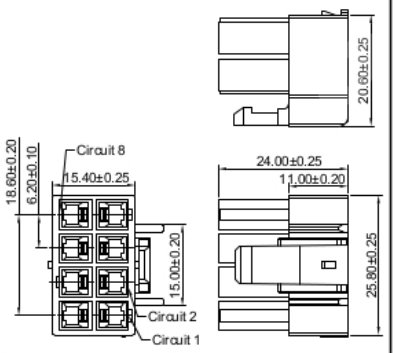
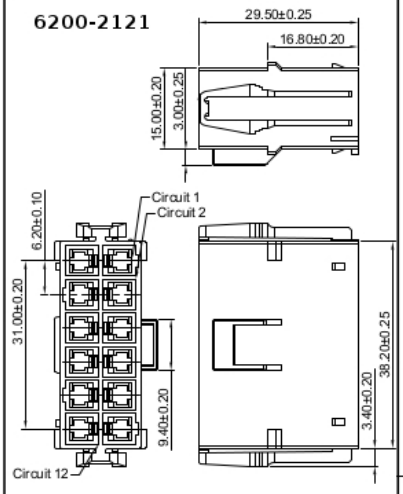
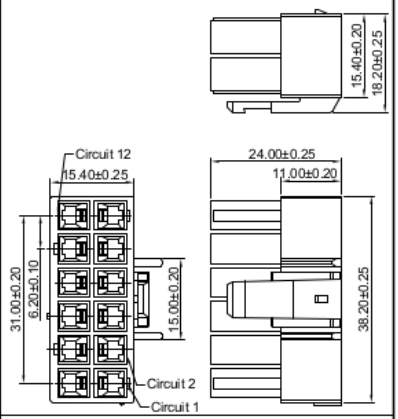
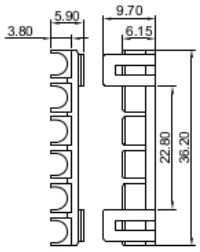
6200 6.20 mm. (0.244") Pitch.

Plug	Receptacle	Retainer
6200-2081 	6200-1081 	6200-0004 
	6200-1082 	
6200-2121 	6200-1121 	6200-0006 
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