

5.08 Pitch 5200 SERIES CONNECTOR



5.08 mm Pitch Wire-to-Board, Wire-to-Wire Connector

RoHS REACH LF HFA GWT

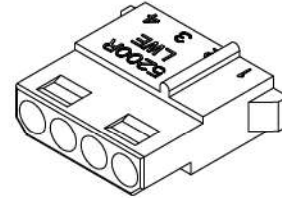
5200R Plug Housing

Specifications

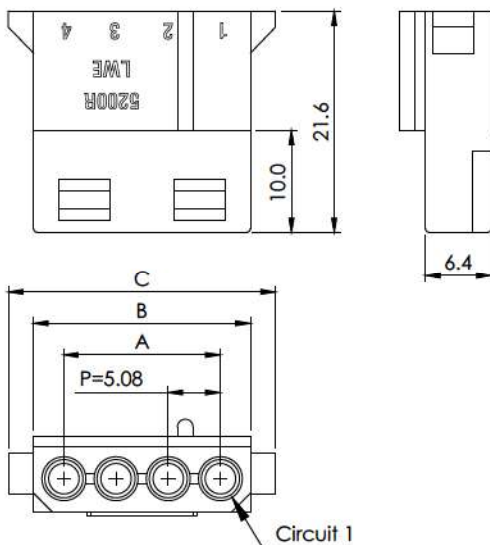
- ◇ Current rating: 8A AC/DC Max.
- ◇ Voltage Range: 250V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 500 MΩ Min.
- ◇ Temperature Range: -55° C to 105° C

Reference

- ◇ Mates with 5201P, 5202P series Header
- ◇ Mates with 5200P series Receptacle housing
- ◇ Use with 5203T series Crimp Terminal
- ◇ Certification: UL, CSA



5200R HOUSING (FEMALE)



Ordering Information

Circuits	Part No.		Dimension		
	UL 94V-0	UL 94V-2	A	B	C
2	AQ5200R0230	AQ5200R0232	5.08	10.94	15.84
3	AQ5200R0330	AQ5200R0332	10.16	16.02	20.92
4	AQ5200R0430	AQ5200R0432	15.24	21.10	26.00

Material

Part	Material / Finish
Housing	Nylon 66 94V-0, white (natural color), or Nylon 66 94V-2, white (natural color)

※ Color Identification: the following alphabet shall be put;

ex. 5200R 04 3 X* - B

ex. 5200R 04 3 X* - R

04... Circuit no.

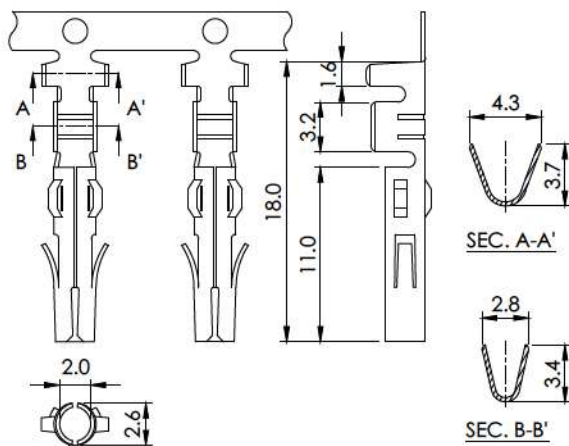
B... Black, E... Blue, R... Red color

X*... Material no.: 0... Nylon 66 94V-0, 2... Nylon 66 94V-2

5203T Crimp Terminal

Reference

- ◇ Use with 5200R series Plug Housing



Ordering Information

Part No.	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
5203T031R	16 - 20	3.8 Max.	6,000

Material:

Phosphor bronze, Tin-Plated

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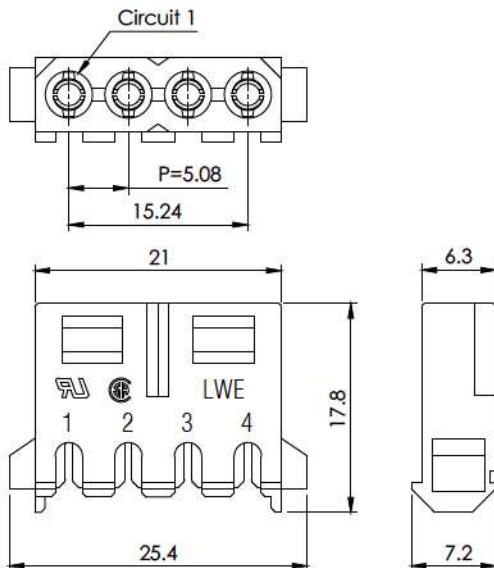
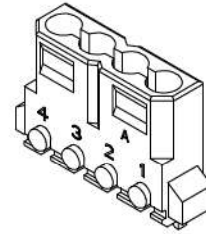
5211R IDC Plug Housing

Specifications

- ◇ Current rating: 8A AC/DC Max.
- ◇ Voltage Range: 250V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 500 MΩ Min.
- ◇ Temperature Range: -55° C to 105° C

Reference

- ◇ Mates with 5201P, 5202P series Header
- ◇ Mates with 5200P series Receptacle housing
- ◇ Certification: Refer to 5200R Series



Ordering Information

Circuits	Part No.		Color	Wire Gauge
	UL 94V-0	UL 94V-2		
4	CQ5211R0410T	CQ5211R0412T	Red	AWG 22
4	CQ5211R0420T	CQ5211R0422T	Yellow	AWG 20
4	CQ5211R0430T	CQ5211R0432T	Orange	AWG 18
4	CQ5211R0440T	CQ5211R0442T	Blue	AWG 16
4	CQ5211R0450T	CQ5211R0452T	Natural	AWG 18
4	CQ5211R0460T	CQ5211R0462T	Natural	AWG 16
4	CQ5211R0470T	CQ5211R0472T	Black	AWG 22

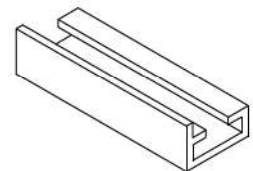
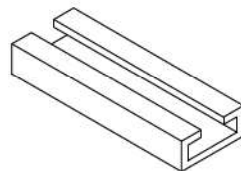
Material

Part	Material
Base	Nylon 66 94V-0, or Nylon 66 94V-2.
Contact	Brass, Tin-plated

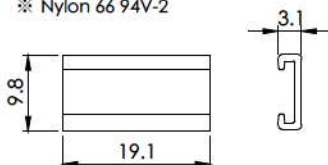
5211R Dust Cover

Reference

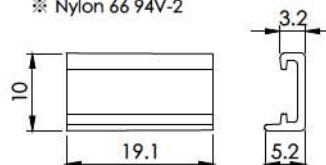
- ◇ Use with 5211R IDC series Plug Housing



- P/N: 5211R0482
 ※ Feed-Through Cover
 ※ Nylon 66 94V-2



- P/N: 5211R0492
 ※ Feed-To Cover
 ※ Nylon 66 94V-2



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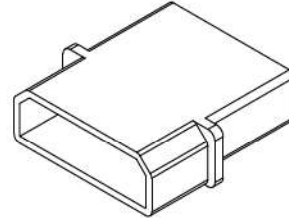
Specifications

- ◇ Current rating: 8A AC/DC Max.
- ◇ Voltage Range: 250V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 500 MΩ Min.
- ◇ Temperature Range: -55° C to 105° C

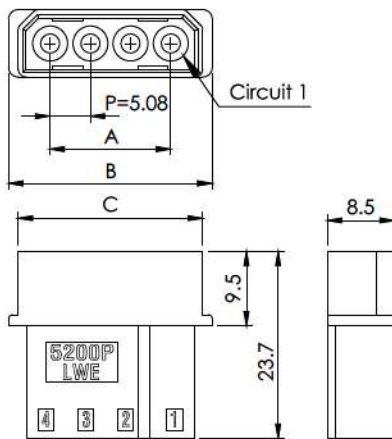
Reference

- ◇ Mates with 5200R, 5211R series Plug housing
- ◇ Use with 5213T series Crimp Terminal
- ◇ Certification: Refer to 5200R Series

5200P Receptacle Housing



5200P HOUSING (MALE)



Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	5200P02 02	5.08	15.55	13.06
3	5200P03 02	10.16	20.63	18.14
4	5200P04 02	15.24	25.71	23.22

Material

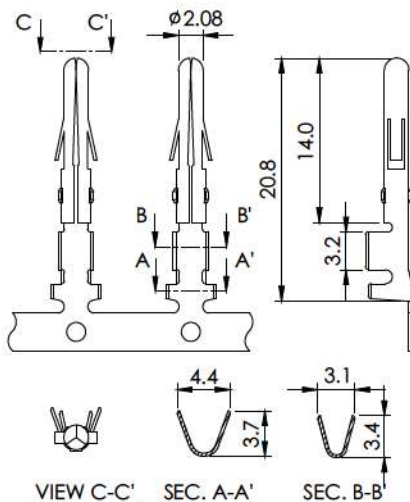
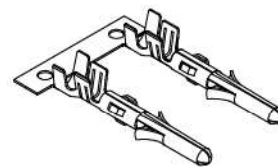
Part	Material / Finish
Housing	Nylon 66 94V-2, white (natural color)

※ Color Identification: the following alphabet shall be put,
 ex. 5200P 04 0 2 (Natural color)
 ex. 5200P 04 0 2 - B
 04... Circuit no. B... Black, E... Blue, R... Red color

Reference

- ◇ Use with 5200P series Receptacle Housing

5213T Crimp Terminal



Ordering Information

Part No.	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
5213T012R	16 - 20	3.8 Max.	6,000

Material:

Brass, Tin-Plated

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5.08 mm Pitch Wire-to-Board Connector

RoHS REACH LF HFA GWT

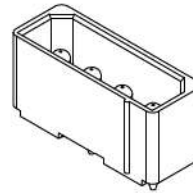
Specifications

- ◇ Current rating: 8A AC/DC Max.
- ◇ Voltage Range: 250V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
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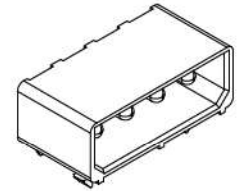
Reference

- ◇ Mates with 5200R, 5211R series Plug housing
- ◇ Certification: Refer to 5200R series

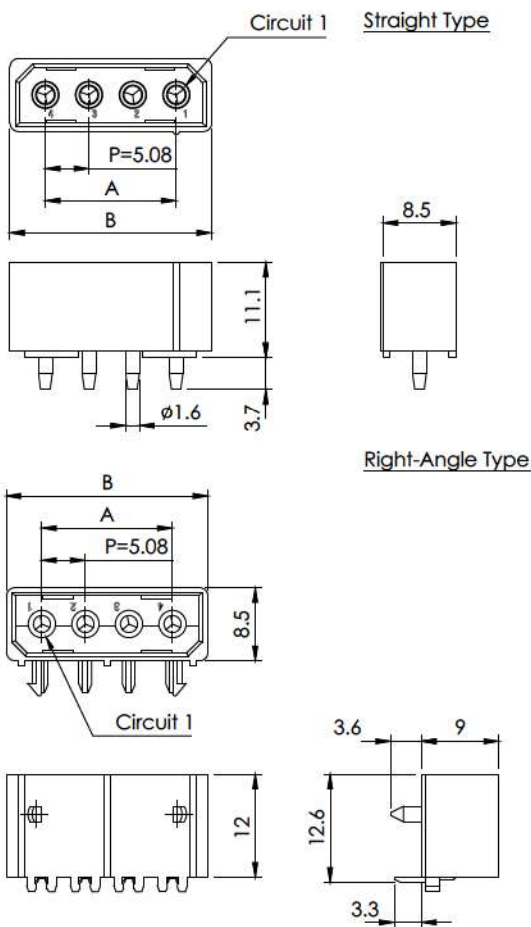
5201P, 5202P DIP Housing



5201P Header



5202P Header



Ordering Information

Circuits	Part No.		Dimension	
	UL 94V-0	UL 94V-2	A	B
2	CQ5201P0200T	CQ5201P0202T	5.08	13.3
3	CQ5201P0300T	CQ5201P0302T	10.16	18.3
4	CQ5201P0400T	CQ5201P0402T	15.24	23.5

Circuits	Part No.		Dimension		
	UL 94V-0	UL 94V-2	A	B	C
2	CQ5202P0200T	CQ5202P0202T	5.08	13.3	5.4
3	CQ5202P0300T	CQ5202P0302T	10.16	18.3	10.5
4	CQ5202P0400T	CQ5202P0402T	15.24	23.5	15.5

Material

Part	Material
Base	Nylon 66 94V-0, white (natural color), or Nylon 66 94V-2, white (natural color)
Contact	Brass, Tin-plated

※ Color Identification: the following alphabet shall be put,

ex. 5201P 04 0 X* X (Natural color)

ex. 5202P 04 0 X* X - B

04... Circuit no.

B... Black, E... Blue, R... Red color

X... Plating Selection: T... Tin-plated

X*... Material no.: 0... Nylon 66 94V-0, 2... Nylon 66 94V-2

P.C. Board Layout / Assembly Layout

