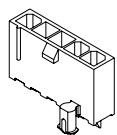


4.2 Pitch SERIES

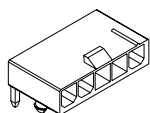


4.2mm Pitch PCB and Wire Connectors - Standard Application

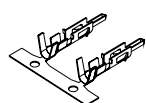
RoHS REACH LF HFA



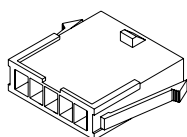
4201PA



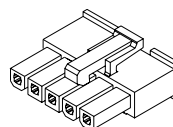
4202PA



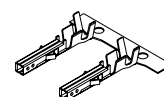
4203TM



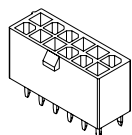
4200MA



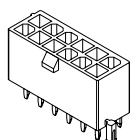
4200FA



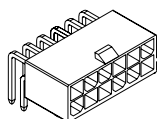
4203TF



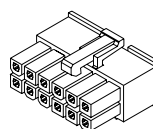
4201P Type-1



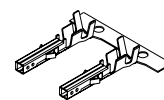
4201P Type-A



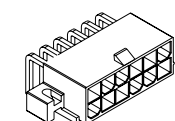
4202P



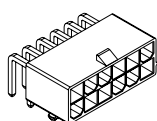
4200F



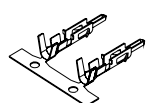
4203TF



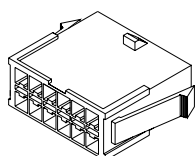
4202P Type-1



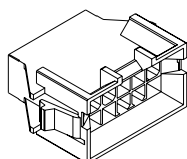
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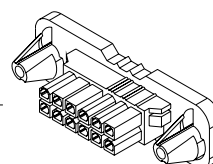
4203TM



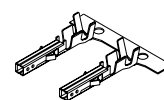
4200M



4200M Type-B



4200F Type-A



4203TF

4.2 Pitch 4200 SERIES CONNECTOR

4.2 mm Pitch Wire to Board, Wire to Wire Connector

RoHS REACH LF HFA

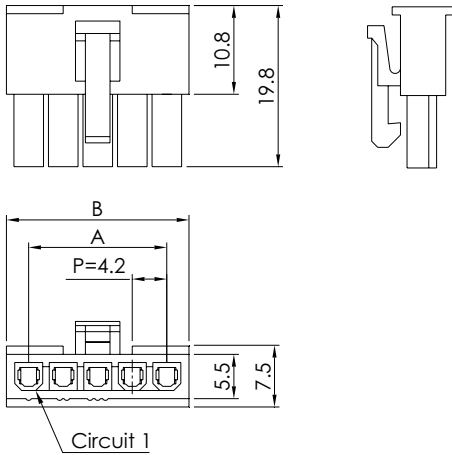
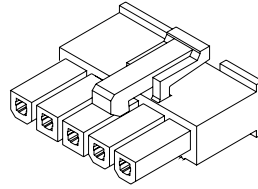
4200F Plug Housing

Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40°C to 105°C

Reference

- ◇ Mates with 4200M Receptacle Housing
- ◇ Use with 4203TF Terminal
- ◇ Certifications: UL , CSA,TUV



Ordering Information

Circuits	Part No.		Dimension	
	UL 94V-0	UL 94V-2	A	B
2	4200FA2 00	4200FA2 02	4.2	9.8
3	4200FA3 00	4200FA3 02	8.4	14.0
4	4200FA4 00	4200FA4 02	12.6	18.2
5	4200FA5 00	4200FA5 02	16.8	22.4

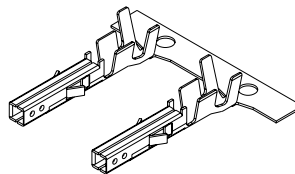
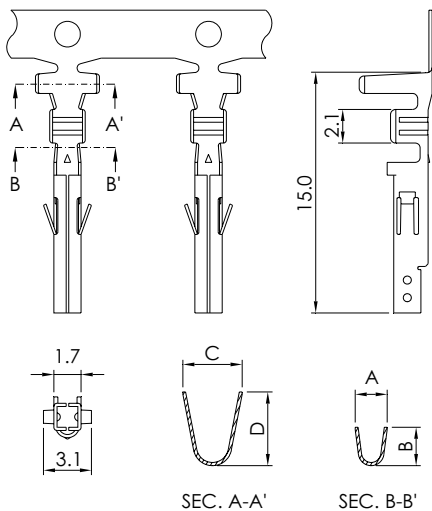
Material

Part	Material	Remark
Housing	Nylon 66 94V-0, Natural (White)	
	Nylon 66 94V-2, Natural	

4203TF Crimp Terminal

Reference

- ◇ Mates with 4200F Plug Housing



Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
4203TF11R	16	2.9 Max.	5,000
4203TF21R	18 - 24	2.7 Max.	5,000

Material

Part No.	Material	A	B	C	D
4203TF11R	Phosphor	2.3	2.9	3.8	4.2
4203TF21R	Bronze	2.0	2.3	3.8	4.2

※ Halogen-free product

※ Contact for more plating selection.

4.2 Pitch 4200 SERIES CONNECTOR

4.2 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

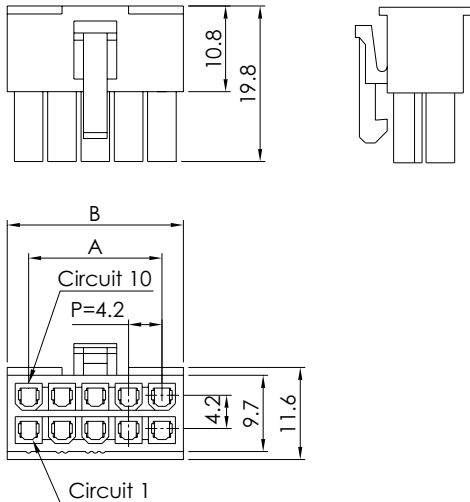
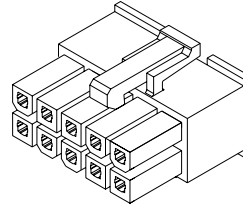
4200F Plug Housing

Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40°C to 105°C

Reference

- ◇ Mates with 4200M Receptacle Housing
- ◇ Use with 4203TF Terminal
- ◇ Certifications: UL , CSA,TUV



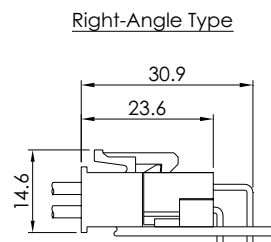
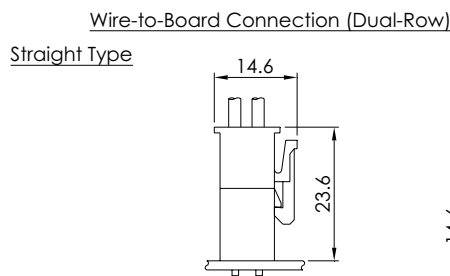
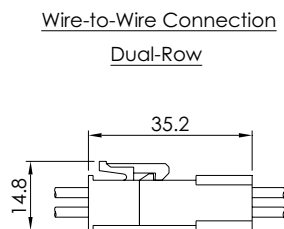
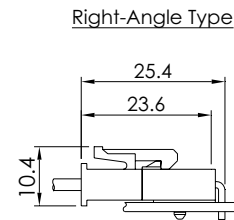
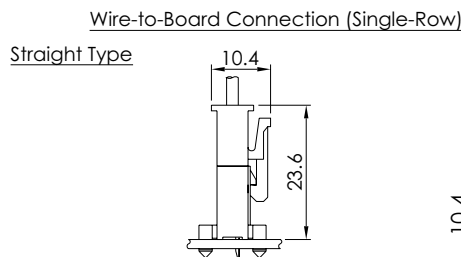
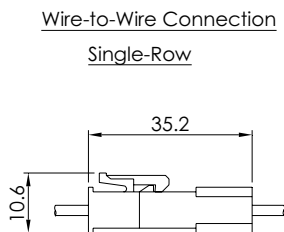
Ordering Information

Circuits	Part No.		Dimension	
	UL 94V-0	UL 94V-2	A	B
2	4200F02 00	4200F02 02	n/a	5.4
4	4200F04 00	4200F04 02	4.2	9.6
6	4200F06 00	4200F06 02	8.4	13.8
8	4200F08 00	4200F08 02	12.6	18.0
10	4200F10 00	4200F10 02	16.8	22.2
12	4200F12 00	4200F12 02	21.0	26.4
14	4200F14 00	4200F14 02	25.2	30.6
16	4200F16 00	4200F16 02	29.4	34.8
18	4200F18 00	4200F18 02	33.6	39.0
20	4200F20 00	4200F20 02	37.8	43.2
22	4200F22 00	4200F22 02	42.0	47.4
24	4200F24 00	4200F24 02	46.2	51.6

Material

Part	Material	Remark
Housing	Nylon 66, Natural	

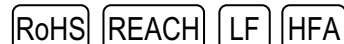
Assembly Layout





4.2 Pitch 4200 SERIES CONNECTOR

4.2 mm Pitch Wire to Wire Connector



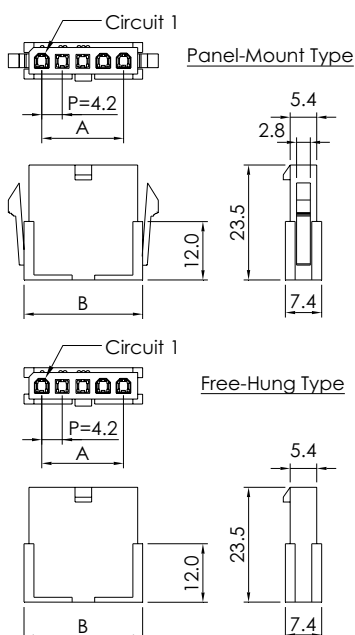
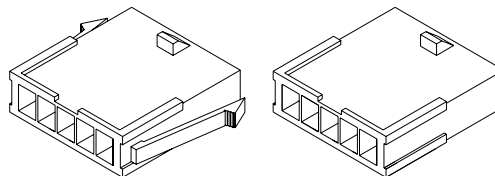
4200MA Receptacle Housing

Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40°C to 105°C
- ◇ Material: Nylon 66 UL 94V-0 / 94V-2

Reference

- ◇ Mates with 4200F Plug Housing
- ◇ Use with 4203TM Terminal



Ordering Information

Circuits	Part No.		Dimension	
	Panel-Mount		A	B
	UL 94V-0	UL 94V-2		
2	4200MA200	4200MA202	4.2	9.6
3	4200MA300	4200MA302	8.4	13.8
4	4200MA400	4200MA402	12.6	18.0
5	4200MA500	4200MA502	16.8	22.2

Ordering Information

Circuits	Part No.		Dimension	
	Free-Hung		A	B
	UL 94V-0	UL 94V-2		
2	4200MA2A0	4200MA2A2	4.2	9.6
3	4200MA3A0	4200MA3A2	8.4	13.8
4	4200MA4A0	4200MA4A2	12.6	18.0
5	4200MA5A0	4200MA5A2	16.8	22.2

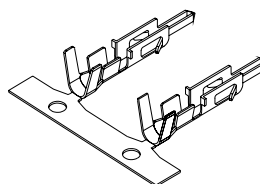
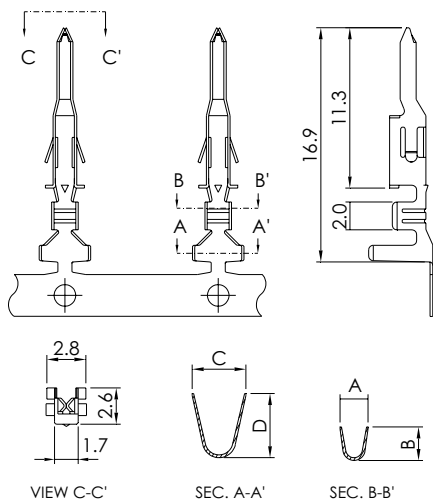
Material

Part	Material	Remark
Housing	Nylon 66, Natural	

4203TM Crimp Pin Contact Terminal

Reference

- ◇ Mates with 4200M Receptacle Housing



Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
4203TM12R	16	2.9 Max.	5,000
4203TM22R	18 - 24	2.7 Max.	5,000

Material

Part	Material	A	B	C	D
4203TM12R	Brass, Tin-	2.3	2.9	3.8	4.2
4203TM22R	Plated	2.0	2.3	3.8	4.2

※ Halogen-free product

※ Contact for more plating selection.



4.2 Pitch 4200 SERIES CONNECTOR

4.2 mm Pitch Wire to Wire Connector



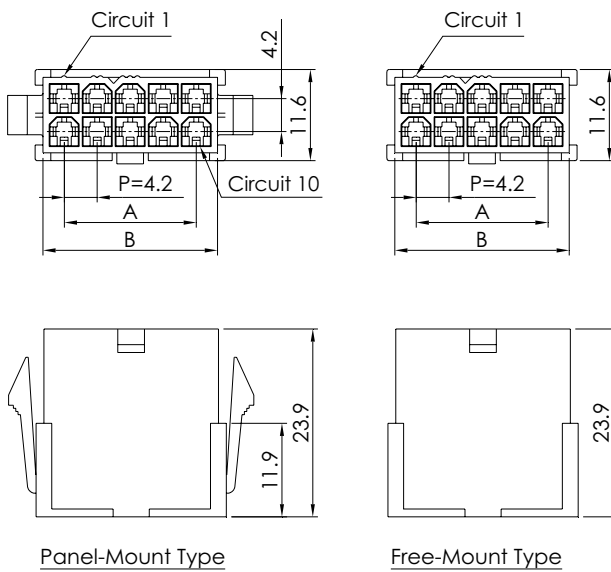
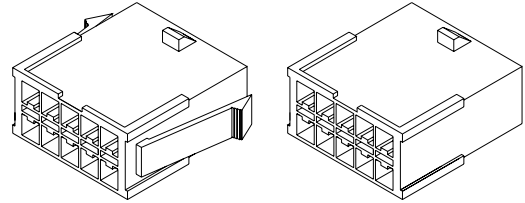
4200M Receptacle Housing (Dual)

Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40 °C to 105 °C
- ◇ Material: Nylon 66 UL 94V-0 / 94V-2

Reference

- ◇ Mates with 4200F Plug Housing
- ◇ Use with 4203TM Terminal
- ◇ Certifications: UL , CSA,TUV



Ordering Information

Circuits	Part No.		Dimension	
	Panel-Mount	Free-Mount	A	B
2	4200M02 00	4200M02 A0	n/a	5.4
4	4200M04 00	4200M04 A0	4.2	9.6
6	4200M06 00	4200M06 A0	8.4	13.8
8	4200M08 00	4200M08 A0	12.6	18.0
10	4200M10 00	4200M10 A0	16.8	22.2
12	4200M12 00	4200M12 A0	21.0	26.4
14	4200M14 00	4200M14 A0	25.2	30.6
16	4200M16 00	4200M16 A0	29.4	34.8
18	4200M18 00	4200M18 A0	33.6	39.0
20	4200M20 00	4200M20 A0	37.8	43.2
22	4200M22 00	4200M22 A0	42.0	47.4
24	4200M24 00	4200M24 A0	46.2	51.6

Material: Nylon66 UL94V-0, Natural (White)

Circuits	Part No.		Dimension	
	Panel-Mount	Free-Mount	A	B
2	4200M02 02	4200M02 A2	n/a	5.4
4	4200M04 02	4200M04 A2	4.2	9.6
6	4200M06 02	4200M06 A2	8.4	13.8
8	4200M08 02	4200M08 A2	12.6	18.0
10	4200M10 02	4200M10 A2	16.8	22.2
12	4200M12 02	4200M12 A2	21.0	26.4
14	4200M14 02	4200M14 A2	25.2	30.6
16	4200M16 02	4200M16 A2	29.4	34.8
18	4200M18 02	4200M18 A2	33.6	39.0
20	4200M20 02	4200M20 A2	37.8	43.2
22	4200M22 02	4200M22 A2	42.0	47.4
24	4200M24 02	4200M24 A2	46.2	51.6

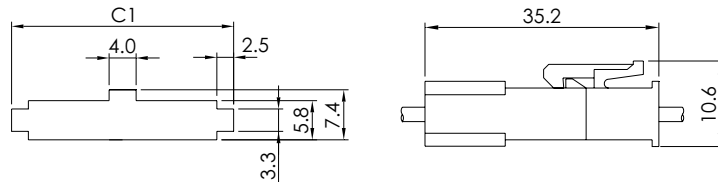
Material: Nylon66 UL94V-2, Natural

Panel-Opening Layout

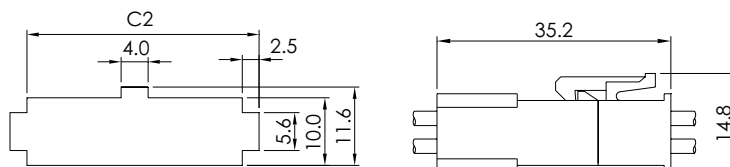
Dimension

Circuits	C1	C2
2	15.0	10.8
3	19.2	
4	23.4	15.0
5	27.6	
6		19.2
8		23.4
10		27.6
12		31.8
14		36.0
16		40.2
18		44.4
20		48.6
22		52.8
24		57.0

Wire-to-Wire Connection (Single-Row)



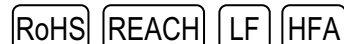
Wire-to-Wire Connection (Dual-Row)



4.2 Pitch 4200 SERIES CONNECTOR



4.2 mm Pitch Wire to Wire Connector



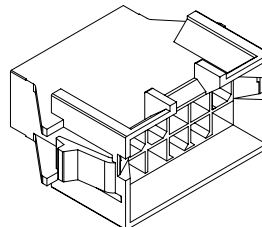
4200M Receptacle Housing Blind-Mate / B-Series

Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40°C to 105°C

Reference

- ◇ Mates with 4200F Plug Housing
- ◇ Use with 4203TM Terminal
- ◇ Certification: UL, CSA

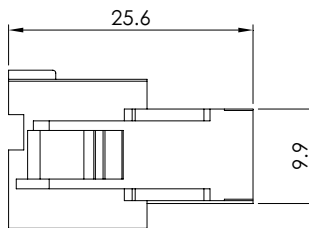
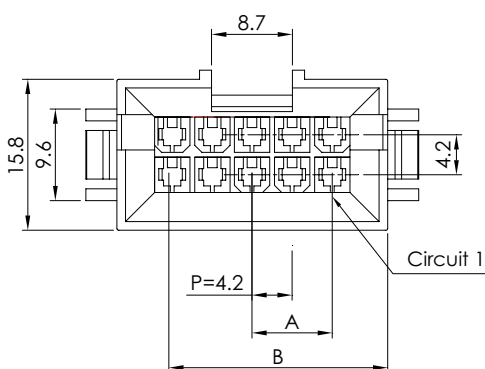
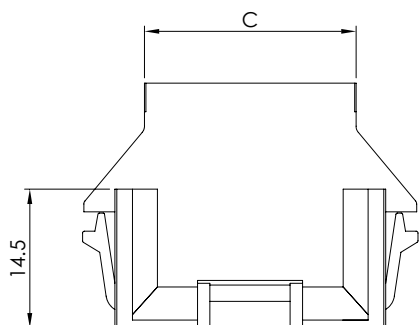


Ordering Information

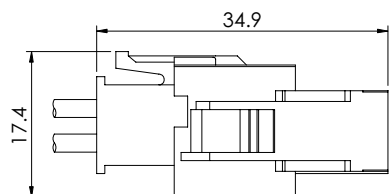
Circuits	Part No.		Dimension				
	UL 94V-0	UL 94V-2	A	B	C	D	E
4	4200M04 B0	4200M04 B2	4.2	15.8	9.6	16.3	19.8
6	4200M06 B0	4200M06 B2	8.4	20.0	13.8	20.5	24.0
8	4200M08 B0	4200M08 B2	12.6	24.2	18.0	24.7	28.2
10	4200M10 B0	4200M10 B2	16.8	28.4	22.2	28.9	32.4
12	4200M12 B0	4200M12 B2	21.0	32.6	26.4	33.1	36.6
14	4200M14 B0	4200M14 B2	25.2	36.8	30.6	37.3	40.8
16	4200M16 B0	4200M16 B2	29.4	41.0	34.8	41.5	45.0
18	4200M18 B0	4200M18 B2	33.6	45.2	39.0	45.7	49.2
20	4200M20 B0	4200M20 B2	37.8	49.4	43.2	49.9	53.4
22	4200M22 B0	4200M22 B2	42.0	53.6	47.4	54.1	57.6
24	4200M24 B0	4200M24 B2	46.2	57.8	51.6	58.3	61.8

Material

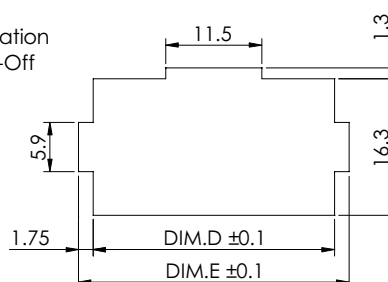
Part	Material	Remark
Housing	Nylon 66 UL94V-0, Natural (White) Nylon 66 UL94V-2, Natural	



P.C. Board Layout / Assembly Layout



Recommendation for Panel Cut-Off



4.2 Pitch 4200 SERIES CONNECTOR

4.2 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

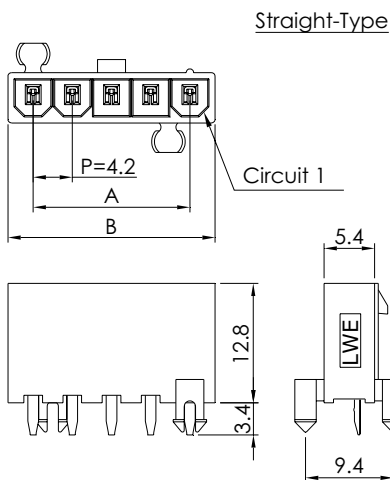
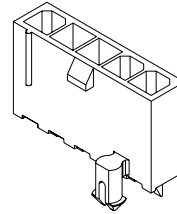
4201PA DIP Header

Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40°C to 105°C
- ◇ Material of base : Nylon 66 94V-0, Natural
- ◇ Material of contact: Brass, Tin-plated

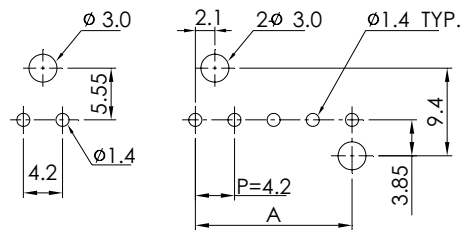
Reference

- ◇ Mates with 4200F Plug Housing
- ◇ Certifications: UL , CSA, TUV



Ordering Information

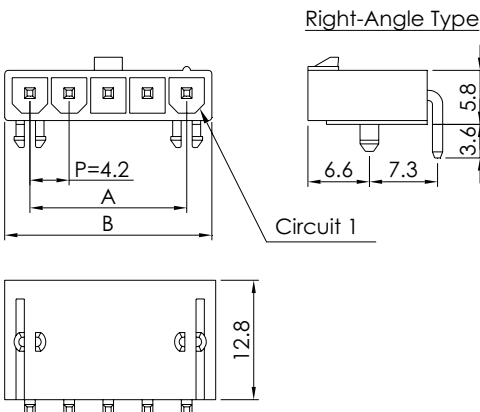
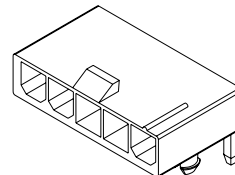
Circuits	Part No.	Dimension		
		Straight	A	B
2	4201PA2 00T	4.2	9.6	
3	4201PA3 00T	8.4	13.8	
4	4201PA4 00T	12.6	18.0	
5	4201PA5 00T	16.8	22.2	



4202PA DIP Header

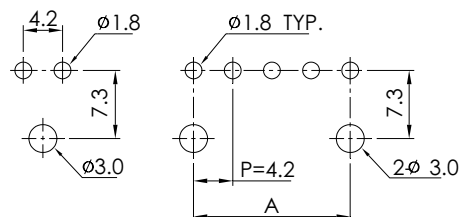
Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Material of base : Nylon 66 94V-0
- ◇ Material of contact: Brass, Tin-plated



Ordering Information

Circuits	Part No.	Dimension		
		Right Angle	A	B
2	4202PA2 00T	4.2	9.6	
3	4202PA3 00T	8.4	13.8	
4	4202PA4 00T	12.6	18.0	
5	4202PA5 00T	16.8	22.2	



4.2 Pitch 4200 SERIES CONNECTOR



4.2 mm Pitch Wire to Board Connector



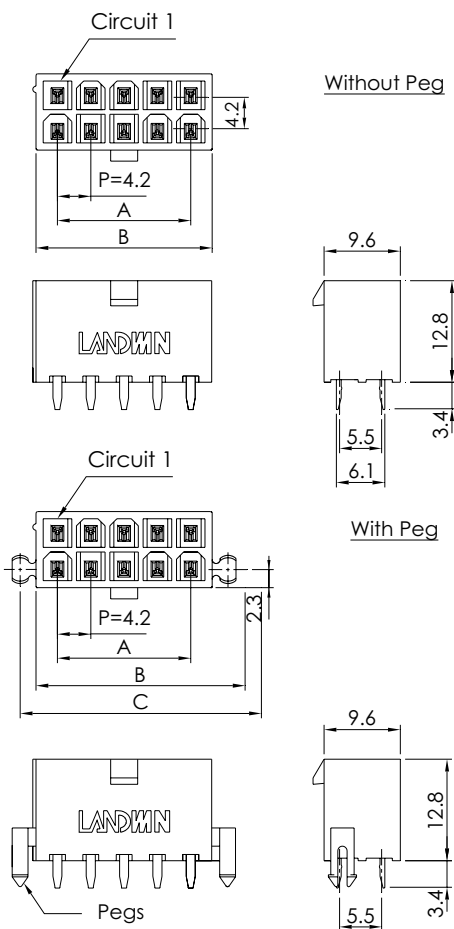
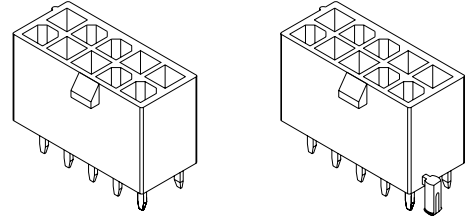
4201P DIP Header

Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40°C to 105°C
- ◇ Material of base: Nylon 66 94V-0 / 94V-2, Natural
- ◇ Material of contact: Brass, Tin-plated

Reference

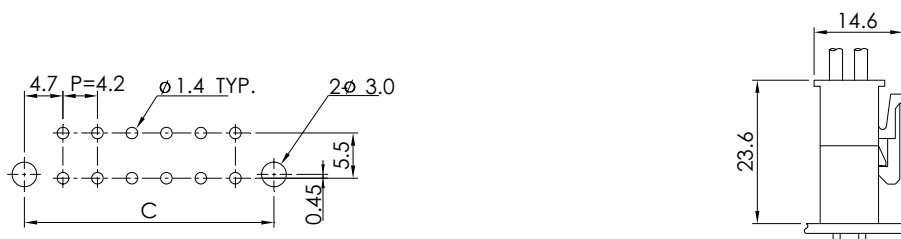
- ◇ Mates with 4200F Plug Housing
- ◇ Certifications: UL , CSA,TUV



Ordering Information

Circuits	Part No.		Dimension		
	W/O Peg	With Pegs	A	B	C
Nylon 66 94V-0					
2	4201P02 00T	4201P02 A0T	n/a	5.4	9.4
4	4201P04 00T	4201P04 A0T	4.2	9.6	13.6
6	4201P06 00T	4201P06 A0T	8.4	13.8	17.8
8	4201P08 00T	4201P08 A0T	12.6	18.0	22.0
10	4201P10 00T	4201P10 A0T	16.8	22.2	26.2
12	4201P12 00T	4201P12 A0T	21.0	26.4	30.4
14	4201P14 00T	4201P14 A0T	25.2	30.6	34.6
16	4201P16 00T	4201P16 A0T	29.4	34.8	38.8
18	4201P18 00T	4201P18 A0T	33.6	39.0	43.0
20	4201P20 00T	4201P20 A0T	37.8	43.2	47.2
22	4201P22 00T	4201P22 A0T	42.0	47.4	51.4
24	4201P24 00T	4201P24 A0T	46.2	51.6	55.6
Nylon 66 94V-2					
2	4201P02 02T	4201P02 A2T	n/a	5.4	9.4
4	4201P04 02T	4201P04 A2T	4.2	9.6	13.6
6	4201P06 02T	4201P06 A2T	8.4	13.8	17.8
8	4201P08 02T	4201P08 A2T	12.6	18.0	22.0
10	4201P10 02T	4201P10 A2T	16.8	22.2	26.2
12	4201P12 02T	4201P12 A2T	21.0	26.4	30.4
14	4201P14 02T	4201P14 A2T	25.2	30.6	34.6
16	4201P16 02T	4201P16 A2T	29.4	34.8	38.8
18	4201P18 02T	4201P18 A2T	33.6	39.0	43.0
20	4201P20 02T	4201P20 A2T	37.8	43.2	47.2
22	4201P22 02T	4201P22 A2T	42.0	47.4	51.4
24	4201P24 02T	4201P24 A2T	46.2	51.6	55.6

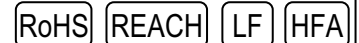
P.C. Board Layout / Assembly Layout



4.2 Pitch 4200 SERIES CONNECTOR



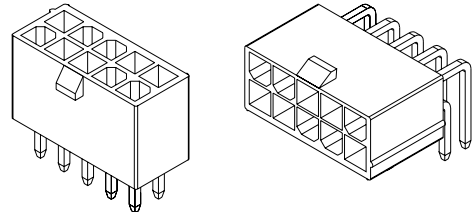
4.2 mm Pitch Wire to Board Connector



4201P, 4202P DIP Header

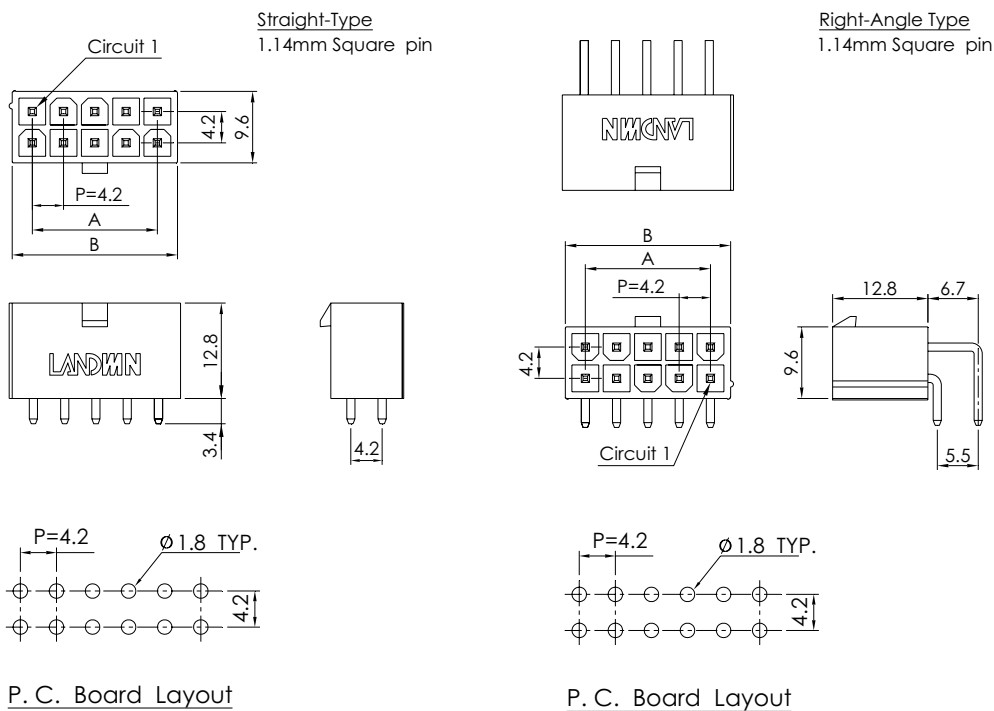
Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40°C to 105°C
- ◇ Material of base: Nylon 66 94V-0 / 94V-2, Natural
- ◇ Material of contact: Brass, Tin-plated



Reference

- ◇ Mates with 4200F Plug Housing
- ◇ Certifications: UL , CSA,TUV



Ordering Information

Circuits	Part No.				Dimension	
	Straight Type		Right-Angle Type		A	B
	UL 94V-0	UL 94V-2	UL 94V-0	UL 94V-2		
2	4201P02 10T	4201P02 12T	4202P02 00T	4202P02 02T	—	5.4
4	4201P04 10T	4201P04 12T	4202P04 00T	4202P04 02T	4.2	9.6
6	4201P06 10T	4201P06 12T	4202P06 00T	4202P06 02T	8.4	13.8
8	4201P08 10T	4201P08 12T	4202P08 00T	4202P08 02T	12.6	18.0
10	4201P10 10T	4201P10 12T	4202P10 00T	4202P10 02T	16.8	22.2
12	4201P12 10T	4201P12 12T	4202P12 00T	4202P12 02T	21.0	26.4
14	4201P14 10T	4201P14 12T	4202P14 00T	4202P14 02T	25.2	30.6
16	4201P16 10T	4201P16 12T	4202P16 00T	4202P16 02T	29.4	34.8
18	4201P18 10T	4201P18 12T	4202P18 00T	4202P18 02T	33.6	39.0
20	4201P20 10T	4201P20 12T	4202P20 00T	4202P20 02T	37.8	43.2
22	4201P22 10T	4201P22 12T	4202P22 00T	4202P22 02T	42.0	47.4
24	4201P24 10T	4201P24 12T	4202P24 00T	4202P24 02T	46.2	51.6

4.2 Pitch 4200 SERIES CONNECTOR



4.2 mm Pitch Wire to Board Connector



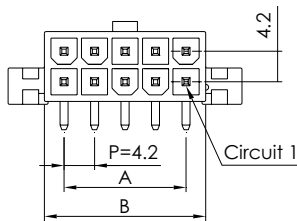
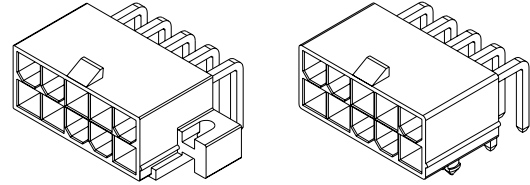
4201P, 4202P DIP Header

Specifications

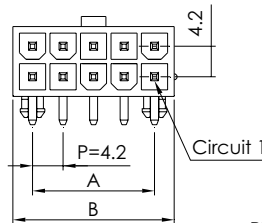
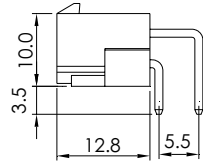
- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40°C to 105°C
- ◇ Material of base: Nylon 66 94V-0 / 94V-2, Natural
- ◇ Material of contact: Brass, Tin-plated

Reference

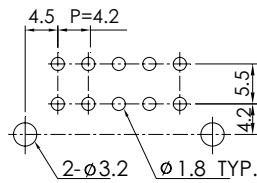
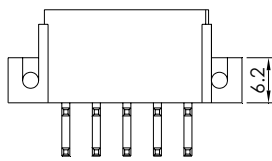
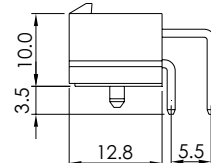
- ◇ Mates with 4200F Plug Housing
- ◇ Certifications: UL , CSA,TUV



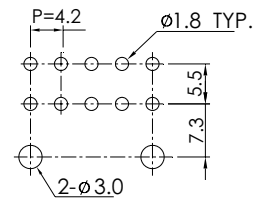
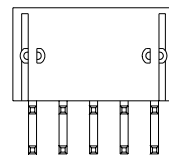
Straight Type with Flanges
(1.14mm Square pin)



Right-Angle Type with Pegs
(1.14mm Square pin)



P. C. Board Layout



P. C. Board Layout

Ordering Information

Circuits	Part No.				Dimension		
	UL 94V-0		UL 94V-2		A	B	C
	With Flanges	With Pegs	With Flanges	With Pegs			
2	4202P02 10T	4202P02 20T	4202P02 12T	4202P02 22T	—	5.4	15.4
4	4202P04 10T	4202P04 20T	4202P04 12T	4202P04 22T	4.2	9.6	19.6
6	4202P06 10T	4202P06 20T	4202P06 12T	4202P06 22T	8.4	13.8	23.8
8	4202P08 10T	4202P08 20T	4202P08 12T	4202P08 22T	12.6	18.0	28.0
10	4202P10 10T	4202P10 20T	4202P10 12T	4202P10 22T	16.8	22.2	32.2
12	4202P12 10T	4202P12 20T	4202P12 12T	4202P12 22T	21.0	26.4	36.4
14	4202P14 10T	4202P14 20T	4202P14 12T	4202P14 22T	25.2	30.6	40.6
16	4202P16 10T	4202P16 20T	4202P16 12T	4202P16 22T	29.4	34.8	44.8
18	4202P18 10T	4202P18 20T	4202P18 12T	4202P18 22T	33.6	39.0	49.0
20	4202P20 10T	4202P20 20T	4202P20 12T	4202P20 22T	37.8	43.2	53.2
22	4202P22 10T	4202P22 20T	4202P22 12T	4202P22 22T	42.0	47.4	57.4
24	4202P24 10T	4202P24 20T	4202P24 12T	4202P24 22T	46.2	51.6	61.6



4.2 Pitch 4200 SERIES CONNECTOR

4.2 mm Pitch Wire to Wire and Wire to Board Connector



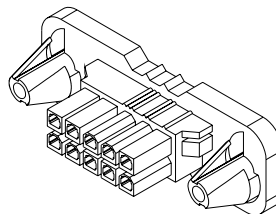
4200F Receptacle Housing Type-A

Specifications

- ◇ Current rating: 8A AC/DC (AWG 16)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1500V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40°C to 105°C

Reference

- ◇ Mates with 4200M Type-B Receptacle Housing,
- ◇ Mates with 4201P/4202P Header
- ◇ Used with 4203TF Terminal
- ◇ Certification: UL, CSA

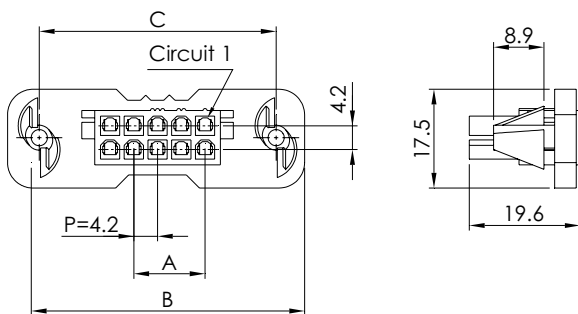
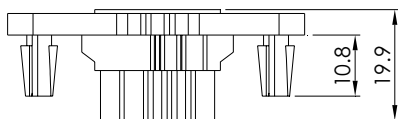


Ordering Information

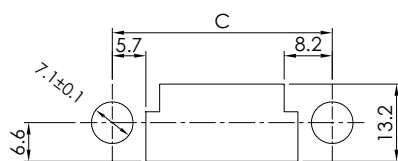
Circuits	Part No.		Dimension		
	UL 94V-0	UL 94V-2	A	B	C
4	4200F04 A0	4200F04 A2	4.2	9.6	15.0
6	4200F06 A0	4200F06 A2	8.4	13.8	19.2
8	4200F08 A0	4200F08 A2	12.6	18.0	23.4
10	4200F10 A0	4200F10 A2	16.8	22.2	27.6
12	4200F12 A0	4200F12 A2	21.0	26.4	31.8
14	4200F14 A0	4200F14 A2	25.2	30.6	36.0
16	4200F16 A0	4200F16 A2	29.4	34.8	40.2
18	4200F18 A0	4200F18 A2	33.6	39.0	44.4
20	4200F20 A0	4200F20 A2	37.8	43.2	48.6
22	4200F22 A0	4200F22 A2	42.0	47.4	52.8
24	4200F24 A0	4200F24 A2	46.2	51.6	57.0

Material

Part	Material
Housing	Nylon 66 94V-0, Natural (White) Nylon 66 94V-2, Natural



P.C. Board Layout / Assembly Layout



Panel Cut-Off Dimension (4200F)

