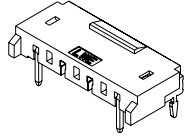


4.0 Pitch SERIES

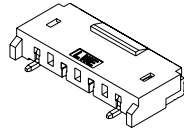


4.0mm Pitch PCB and Wire Connectors - Standard Application

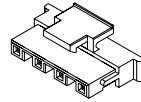
RoHS REACH LF HFA



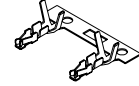
4002P02E2T



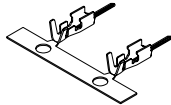
4002P02D2T



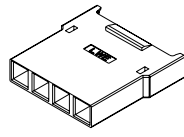
4000SXXD0



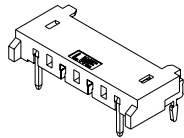
4003T011R



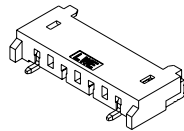
4003T021R



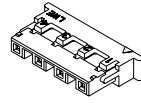
4000SXX10-1



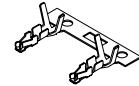
4002P02B2T



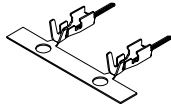
4002P0220T



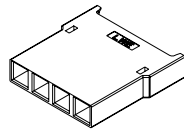
4000SXX00



4003T011R



4003T021R

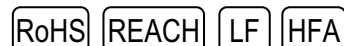


4000MXX10



4.0 Pitch 4000 SERIES CONNECTOR

4.0 mm Pitch Wire-to-Board Connector



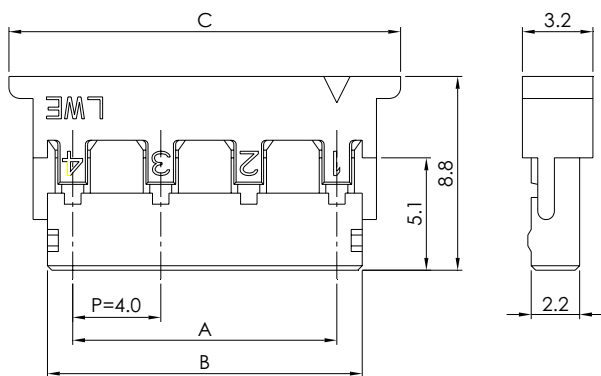
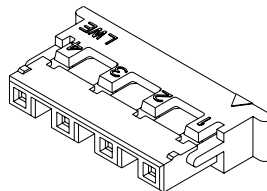
4000S Crimp Housing

Specifications

- ◇ Current rating: 1A AC,DC (AWG 22)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1800V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -25°C to 85°C

Reference

- ◇ Housing used with 4003T011R Terminal
- ◇ Certifications: UL, CSA, TUV



Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	4000S0200	4.0	6.3	9.8
3	4000S0300	8.0	10.3	13.8
4	4000S0400	12.0	14.3	17.8
5	4000S0500	16.0	18.3	21.8

Material

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

※ Available P/N of Halogen-Free replacement:
4000S xx 00-SNH (xx : Circuit No.)

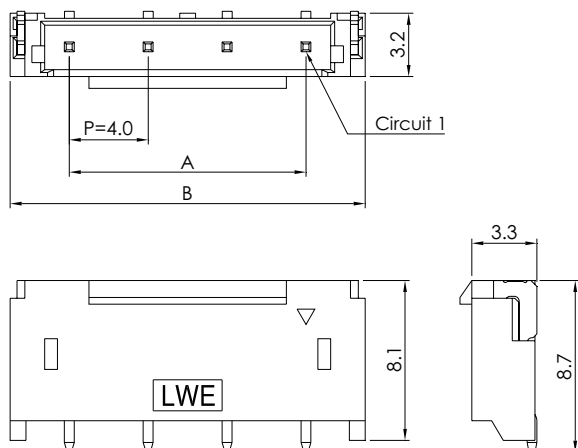
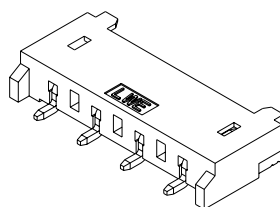
4002P Header

Specifications

- ◇ Current rating: 1A AC,DC (AWG 22)
- ◇ Voltage Range: 600V AC,DC
- ◇ Withstand Voltage: 1800V AC/Minute
- ◇ Contact Resistance: 10 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -25°C to 85°C

Reference

- ◇ Mates with 4000S Friction-lock Housing
- ◇ Certifications: UL, CSA, TUV



Ordering Information

Circuits	Part No.	Dimension	
		A	B
2	4002P0200T	4.0	14.0
3	4002P0300T	8.0	18.0
4	4002P0400T	12.0	22.0

Material

Part	Material
Housing	High HDT Nylon, 94V-0, Ivory
Contact	Brass, Matte Tin-Plated

※ Available P/N of Halogen-Free replacement:
4002P xx 00T-SNH (xx : Circuit No.)

※ SMT Embossed Tape Packing Information:
0' ty per 330 mm Dia. Panel: 1,000 PCS

※ Void Pin P/N: 4002P xx X0T sketch on D28 page

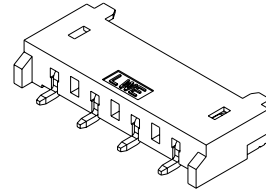
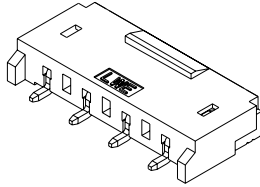
4.0 Pitch 4000 SERIES CONNECTOR



4.0 Pitch Wire-to-Board Connector

RoHS REACH LF HFA

4002P SMT Header



Positive Lock (Type-D)

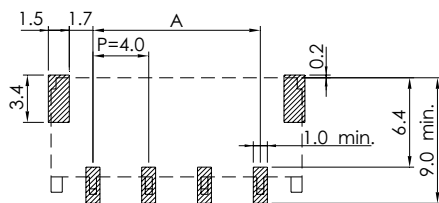
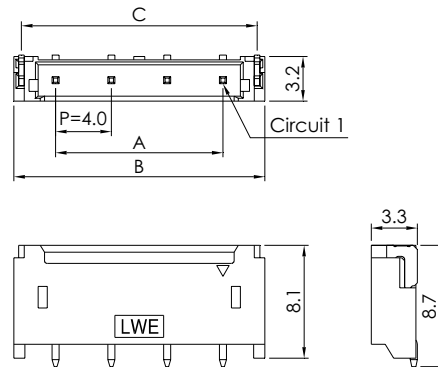
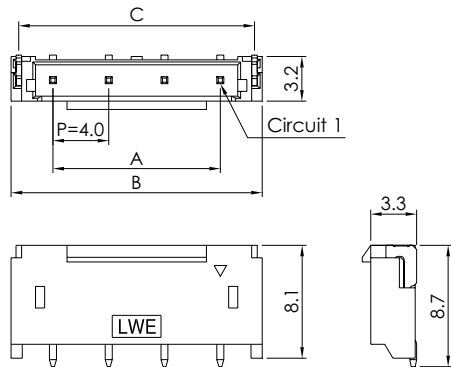
P/N: 4002P xx D X T

- ※ 0.5mm SQ. Contact Pin
- ※ Mates with 4000S Type-D Housing
- ※ "xx" : Circuit Number, "X" : Type No.
- ※ Configuration on next two pages

Friction Lock (Standard)

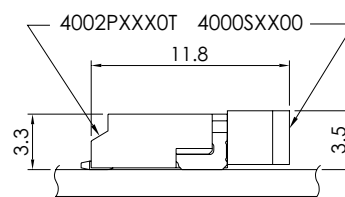
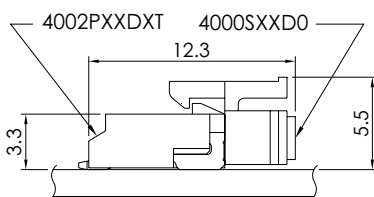
P/N: 4002P xx X 0T

- ※ 0.5mm SQ. Contact Pin
- ※ Mates with 4000S Housing
- ※ Available P/N of Halogen-Free replacement:
4002P xx X 0T-SNH
- ※ "XX" : Circuit Number, "X" : Type No.



Material	REFLOW SOLDER SERIES
Part	Material
Base	High HDT Nylon 94V-0, Ivory
Contact	Brass, Matte Tin-Plated
Peg	

P.C. Board Layout / Assembly Layout



4.0 Pitch 4000 SERIES CONNECTOR



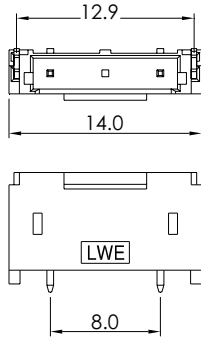
4.0 Pitch Wire-to-Board Connector

RoHS REACH LF HFA

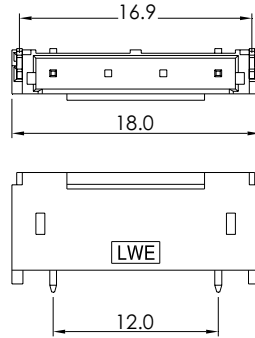
4002P SMT Header Configuration Type-D

Positive Lock (With Ramp)

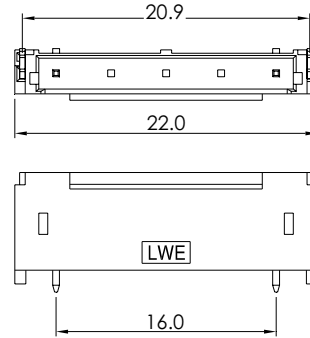
4002P02D1T
2P (8.0mm Pitch)



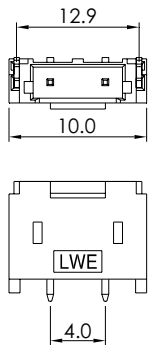
4002P02D2T
2P (12.0mm Pitch)



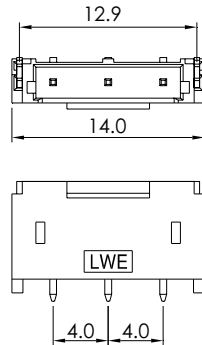
4002P02D3T
2P (16.0mm Pitch)



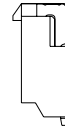
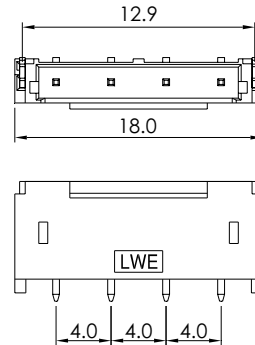
4002P02D0T
2P (4.0mm Pitch)



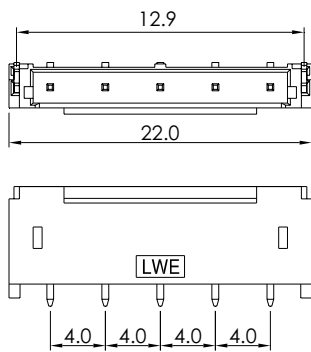
4002P03D0T
3P (4.0mm Pitch)



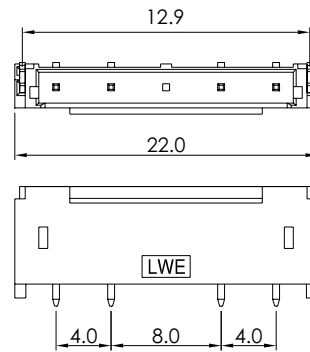
4002P04D0T
4P (4.0mm Pitch)



4002P05D0T
5P (4.0mm Pitch)



4002P05D0T-N3
5P (4.0mm Pitch)



4.0 Pitch 4000 SERIES CONNECTOR



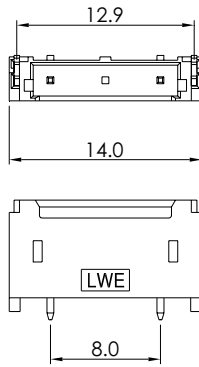
4.0 Pitch Wire-to-Board Connector



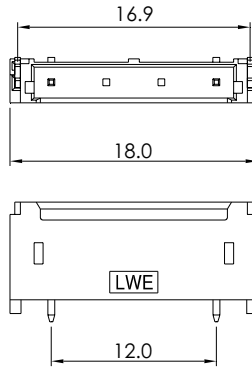
4002P SMT Header Configuration

Friction Lock (W/O Ramp)

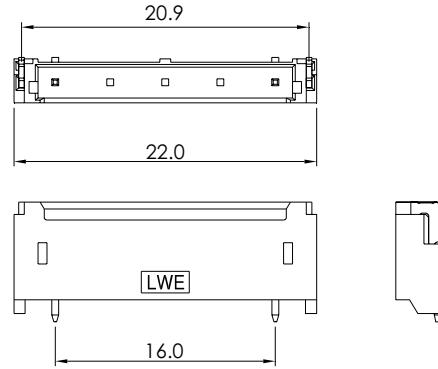
4002P0210T
2P (8.0mm Pitch)



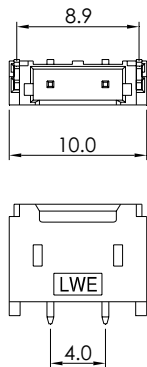
4002P0220T
2P (12.0mm Pitch)



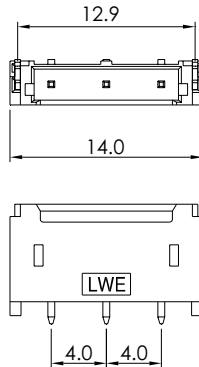
4002P0230T
2P (16.0mm Pitch)



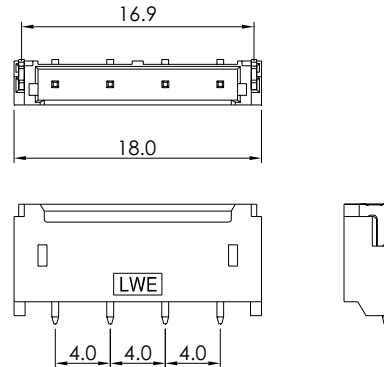
4002P0200T
2P (4.0mm Pitch)



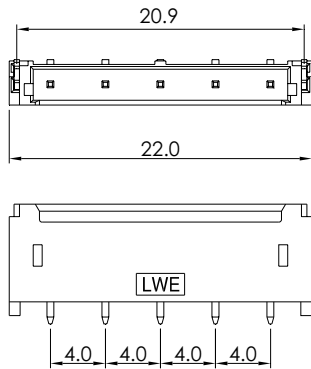
4002P0300T
3P (4.0mm Pitch)



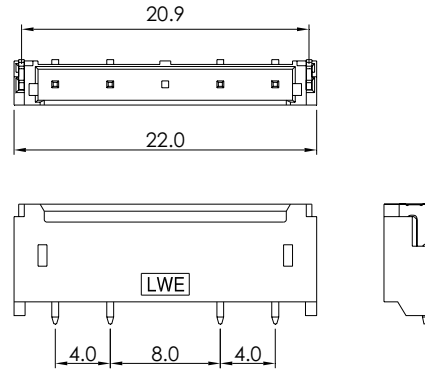
4002P0400T
4P (4.0mm Pitch)



4002P0500T
5P (4.0mm Pitch)



4002P0500T-N3
5P (4.0mm Pitch)



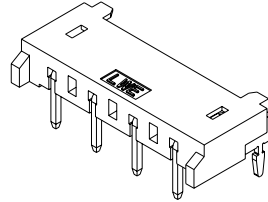
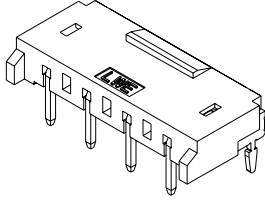
4.0 Pitch 4000 SERIES CONNECTOR



4.0 Pitch Wire-to-Board Connector

RoHS REACH LF HFA

4002P DIP Header



Positive Lock (Type-E)

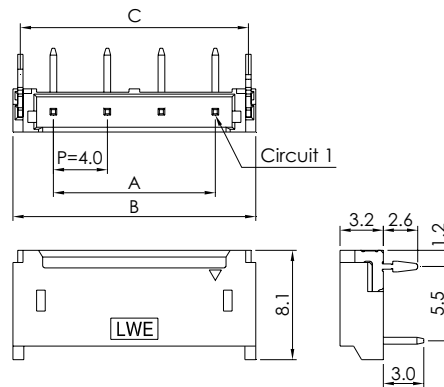
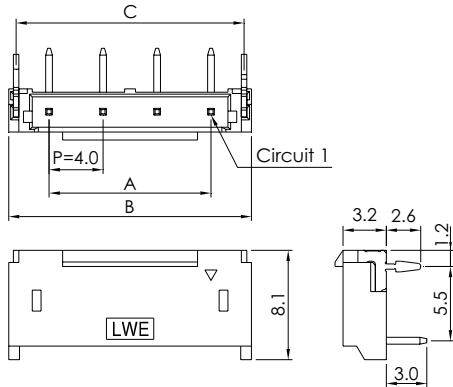
P/N: 4002P xx E X T

- ※ 0.5mm SQ. Contact Pin
- ※ Mates with 4000S Type-D Housing
- ※ Available P/N of Halogen-Free replacement:
4002P xx E X T-SNH
- ※ "xx" : Circuit Number, "X" : Type No.
- ※ Configuration on next two pages

Friction Lock (Type-B)

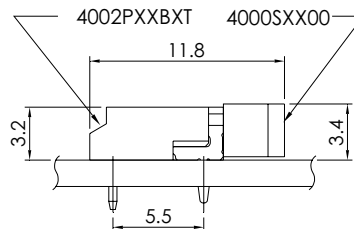
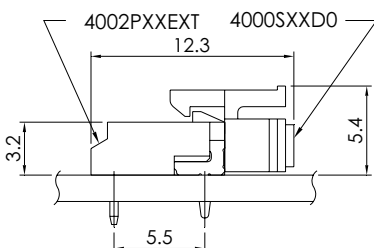
P/N: 4002P xx B X T

- ※ 0.5mm SQ. Contact Pin
- ※ Mates with 4000S Friction-lock Housing
- ※ Available P/N of Halogen-Free replacement:
4002P xx B X T-SNH
- ※ "xx" : Circuit Number, "X" : Type No.



Material		REFLOW SOLDER SERIES
Part	Material	
Base	High HDT Nylon 94V-0, Ivory	
Contact	Brass, Matte Tin-Plated	
Peg		

P.C. Board Layout / Assembly Layout



4.0 Pitch 4000 SERIES CONNECTOR



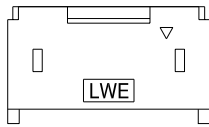
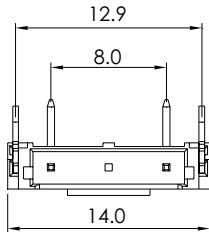
4.0 Pitch Wire-to-Board Connector



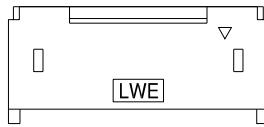
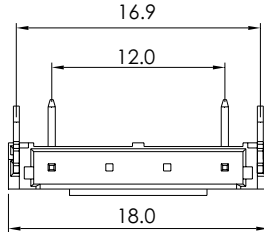
4002P DIP Header Configuration Type-E

Positive Lock (With Ramp)

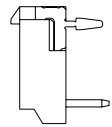
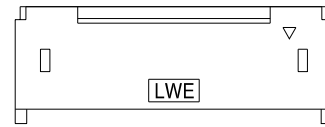
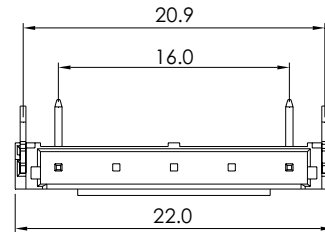
4002P02E1T
2P (8.0mm Pitch)



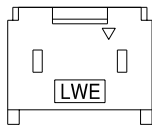
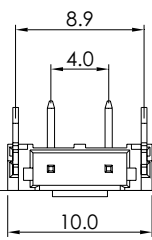
4002P02E2T
2P (12.0mm Pitch)



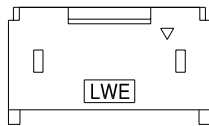
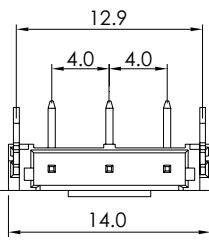
4002P02E3T
2P (16.0mm Pitch)



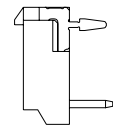
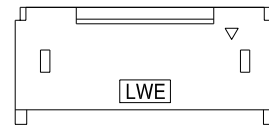
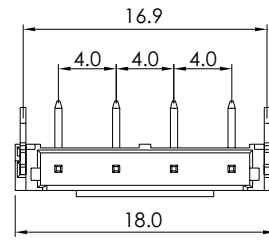
4002P02E0T
2P (4.0mm Pitch)



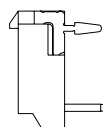
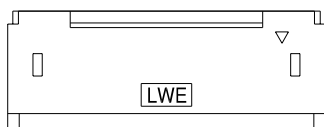
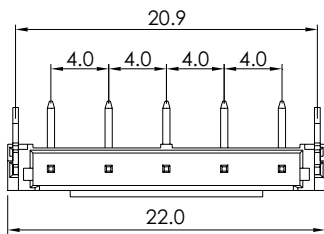
4002P03E0T
3P (4.0mm Pitch)



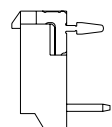
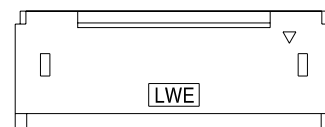
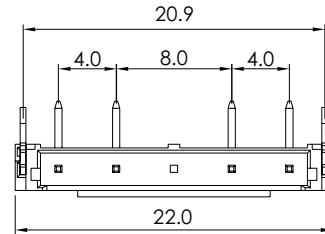
4002P04E0T
4P (4.0mm Pitch)



4002P05E0T
5P (4.0mm Pitch)



4002P05E0T-N3
5P (4.0mm Pitch)



4.0 Pitch 4000 SERIES CONNECTOR



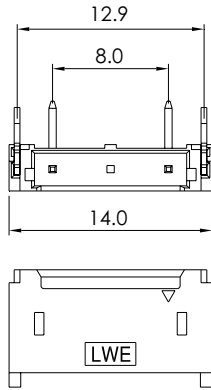
4.0 Pitch Wire-to-Board Connector



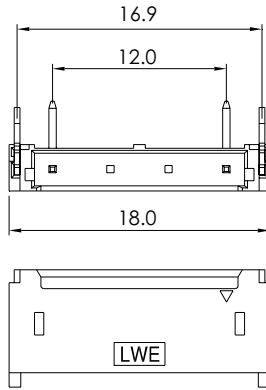
4002P DIP Header Configuration Type-B

Friction Lock (W/O Ramp)

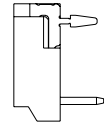
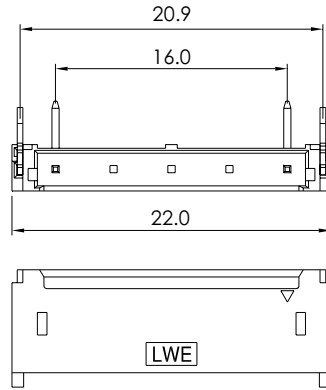
4002P02B1T
2P (8.0mm Pitch)



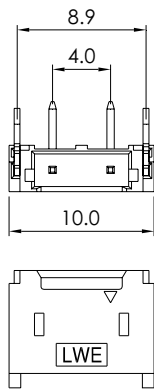
4002P02B2T
2P (12.0mm Pitch)



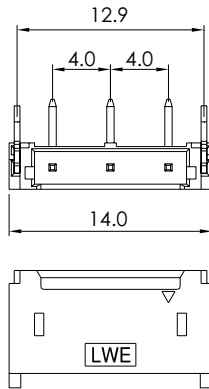
4002P02B3T
2P (16.0mm Pitch)



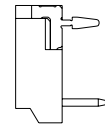
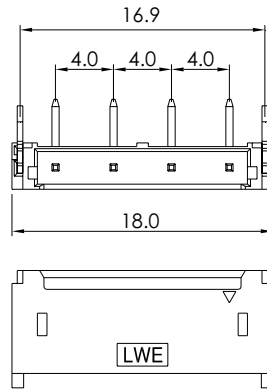
4002P02B0T
2P (4.0mm Pitch)



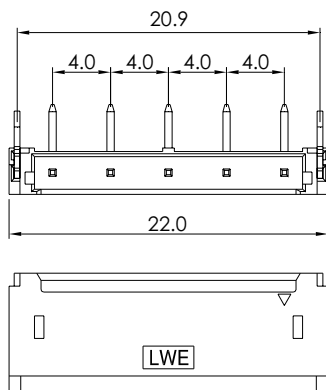
4002P03B0T
3P (4.0mm Pitch)



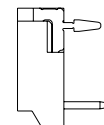
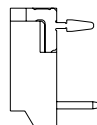
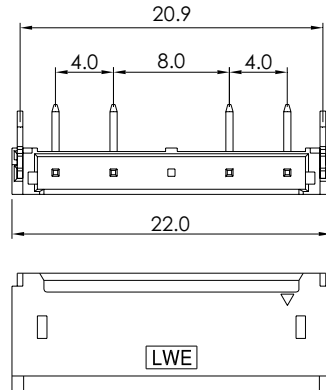
4002P04B0T
4P (4.0mm Pitch)



4002P05E0T
5P (4.0mm Pitch)



4002P05E0T-N3
5P (4.0mm Pitch)



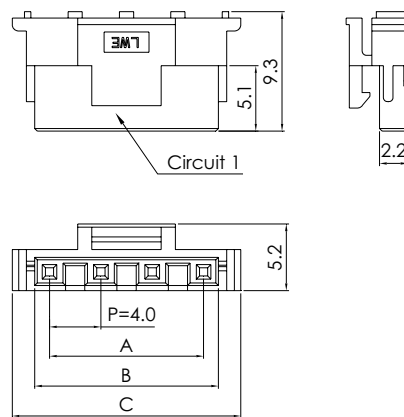
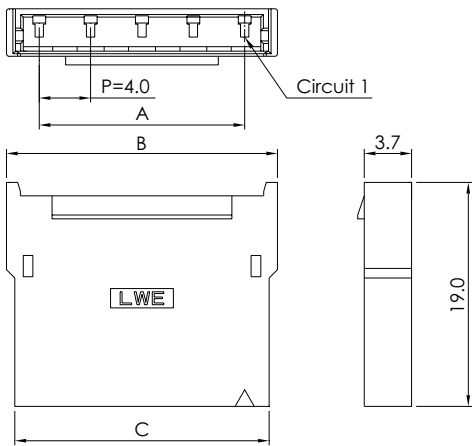
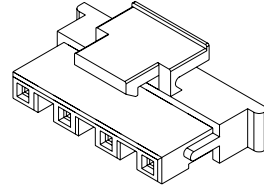
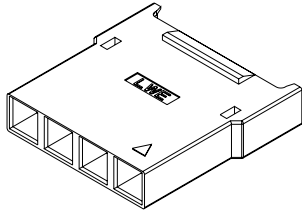
4.0 Pitch 4000 SERIES CONNECTOR



4.0 mm Pitch Wire-to-Wire Connector



4000S Crimp Housing
4000S Receptacle Housing



Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	4000S0210-1	4.0	9.1	7.8
3	4000S0310-1	8.0	13.1	11.8
4	4000S0410-1	12.0	17.1	15.8
5	4000S0510-1	16.0	21.1	19.8

Material

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

※ Mates with 3503T021R

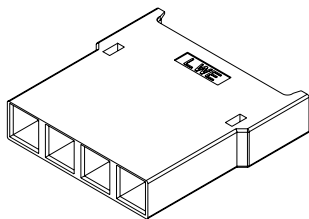
Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	4000S02D0	4.0	6.3	9.8
3	4000S03D0	8.0	10.3	13.8
4	4000S04D0	12.0	14.3	17.8
5	4000S05D0	16.0	18.3	21.8

Material

Part	Material
Housing	Nylon 66 94V-0, Natural

※ Mates with 3503T011R



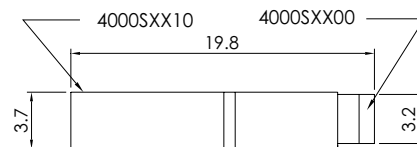
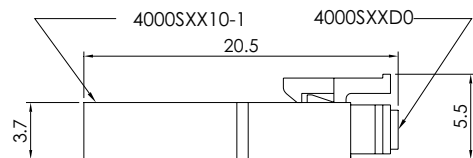
Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	4000S0210	4.0	9.1	7.8
3	4000S0310	8.0	13.1	11.8
4	4000S0410	12.0	17.1	15.8
5	4000S0510	16.0	21.1	19.8

Material

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

※ Mates with 3503T021R



4.0 Pitch 4000 SERIES CONNECTOR

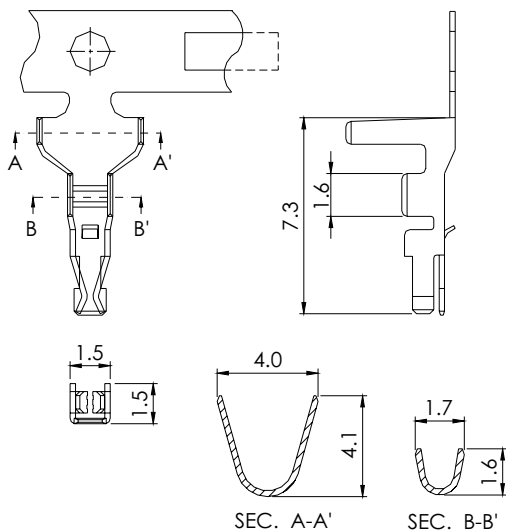
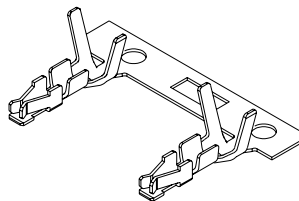


4.0 mm Pitch Wire-to-Board Connector



4003T01 Crimp Terminal

- Reference
- ◇ Mates with 4000S Socket Housing



Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
4003T011R	24 - 28	2.2 Max.	5,000

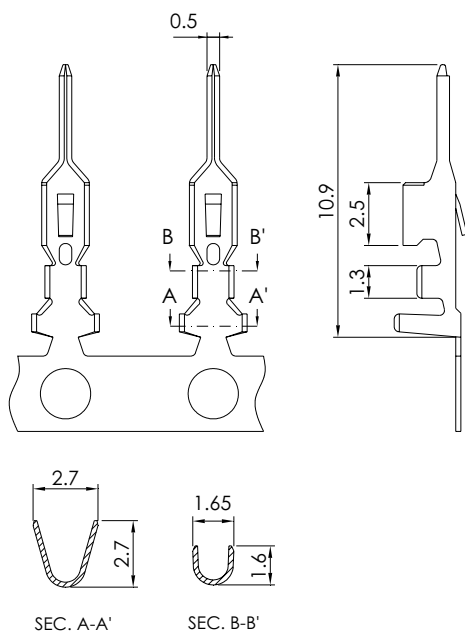
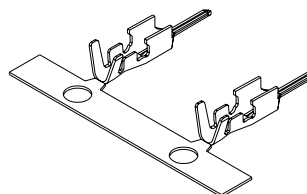
Material

Part	Material
4003T011R	Phosphor Bronze, Tin-Plated

- * Halogen-free product
- * Contact for more plating selection.

4003T02 Crimp Pin Contact Terminal

- Reference
- ◇ Mates with 4000M Series Receptacle Housing



Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
4003T021R	24 - 28	1.8 Max.	5,000

Material

Part	Material
4003T021R	Phosphor Bronze, Tin-Plated

- * Halogen-free product
- * Contact for more plating selection.

4.0 Pitch 4000 SERIES CONNECTOR



8.0 / 3.5 Pitch Wire-to-Board Connector (TWO-IN-ONE)



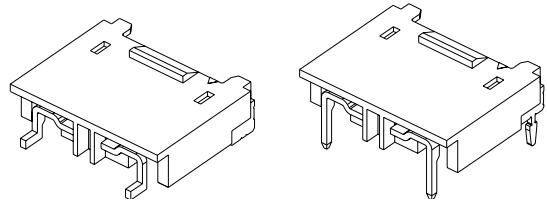
4002P Two-in-One Header 8.0mm / 3.5mm Pitch

Specifications

- ◇ Current rating: 1A AC,DC
- ◇ Voltage Range: 1400V AC,DC (Pitch 3.5)
- ◇ Voltage Range: 1800V AC,DC (Pitch 8.0)
- ◇ Withstand Voltage: 3800V AC/Minute
- ◇ Insulation Resistance: 1000 M Ω Min.
- ◇ Contact Resistance: 10 m Ω Max. before environment test
- ◇ Temperature Range: -25 $^{\circ}$ C to 85 $^{\circ}$ C
- ◇ Applicable PC Board Thickness: 1.6 mm

Reference

- ◇ Mates with 4000S0300 Housing (Pitch 8.0)
- ◇ Mates with 3500S0200 Housing (Pitch 3.5)



SMT TYPE

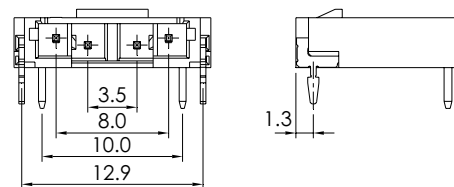
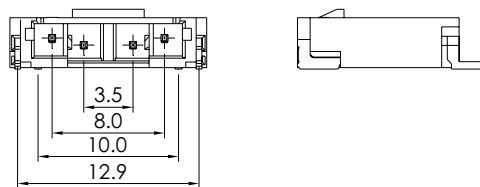
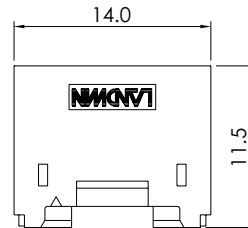
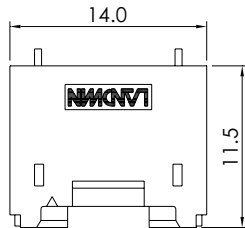
P/N : 4002P0210V-SES

- ※ Material:
 - Base : High HDT Nylon 94V-0, Ivory Color
 - Contact : Brass, Matte Tin-plated
 - Peg : Brass, Matte Tin-Plated
- ※ Available P/N of Halogen-Free replacement: 4002P0220V-SES-NH
- ※ SMT Embossed Tape Packing

DIP TYPE

P/N : 4002P0210V-SEB

- ※ Material:
 - Base : High HDT Nylon 94V-0, Ivory color
 - Contact : Brass, Matte Tin-plated
 - Peg : Brass, Matte Tin-Plated
- ※ Available P/N of Halogen-Free replacement: 4002P0210V-SEB-NH



P.C. Board Layout / Assembly Layout

