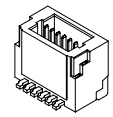
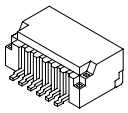
Mini Pitch SERIES

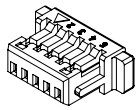
LANDWIN

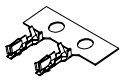
1.00 to 1.50mm Pitch PCB and Wire Connectors - MINI Pitch Application

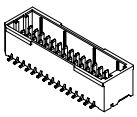
RoHS REACH LF HFA

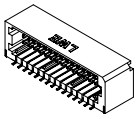

1011P SMT


1012P SMT


1010S


1013T


1011P SMT Type-D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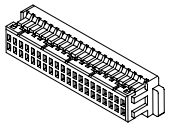
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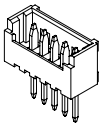
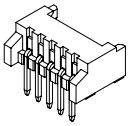
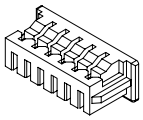
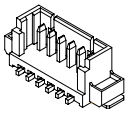

1251P (DIP)


1252P (DIP)


1250S

1253T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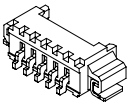
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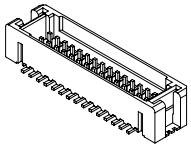
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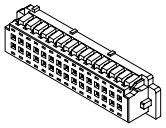
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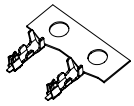
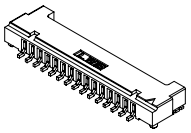
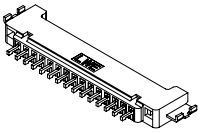
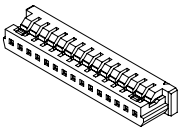
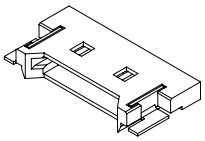

1253T Type-D

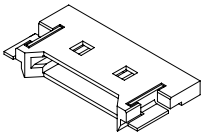

1242P (SMT)

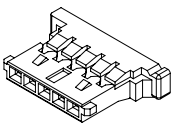

1242P (SMT-Offset)

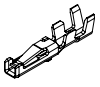

1240S

1243T


12501P (SMT)


12501P (SMT-Offset)


12500S

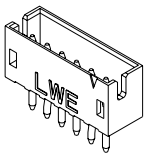

12503T

Mini Pitch SERIES

LANDWIN

1.00 to 1.50mm Pitch PCB and Wire Connectors - MINI Pitch Application

RoHS REACH LF HFA



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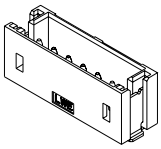

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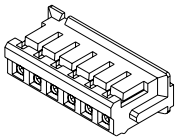
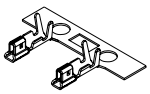
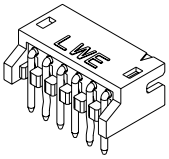


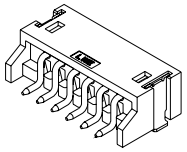
1500S



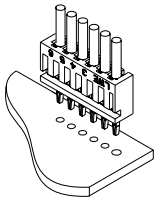
1503T



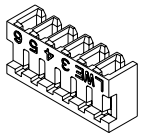
1502P (DIP)



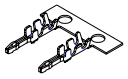
1502P (SMT)



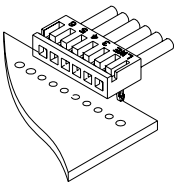
1508S MATED
WITH 1509T



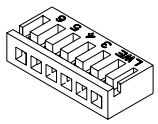
1508S



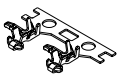
1509T



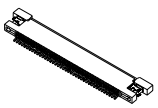
1508S MATED
WITH 1519T



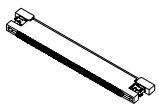
1508S



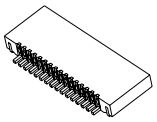
1519T



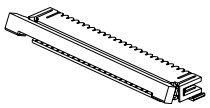
44051P 0.5 mm FPC
(ZIF - Down Type)



44051P 0.5 mm FPC
(ZIF - Up Type)



44051P 0.5 mm FPC
(No ZIF)



44100S 1.0 mm FPC(SMT)

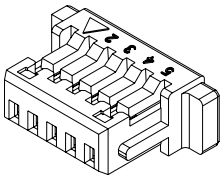
Mini Pitch 1010 SERIES CONNECTOR

LANDWIN

1.0 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

1010S Single-Row Housing

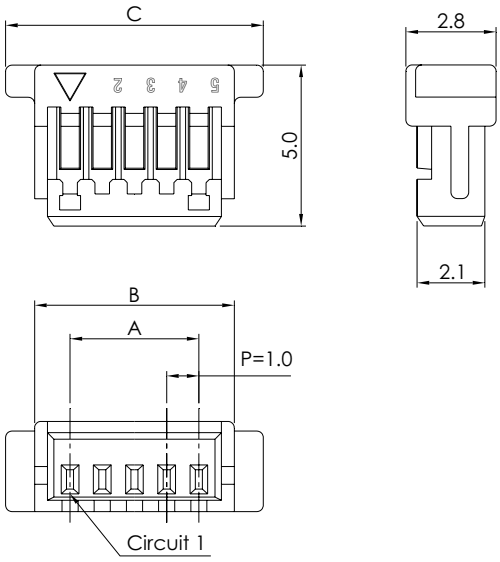


■ Specifications

◇ Current rating: 1A AC,DC (AWG 28)
◇ Voltage Range: 50V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 100 MΩ Min.
◇ Temperature Range: -25℃ to 85℃

■ Reference

◇ Mates with 1011P,1012P Header
◇ Use with 1013T Terminal
◇ Material : PBT 94V-0 (White)
◇ Certifications: UL, CSA

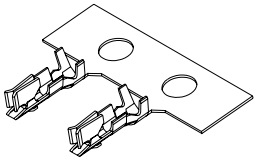


Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	1010S0203	1.0	2.4	5.0
3	1010S0303	2.0	3.4	6.0
4	1010S0403	3.0	4.4	7.0
5	1010S0503	4.0	5.4	8.0
6	1010S0603	5.0	6.4	9.0
7	1010S0703	6.0	7.4	10.0
8	1010S0803	7.0	8.4	11.0
9	1010S0903	8.0	9.4	12.0
10	1010S1003	9.0	10.4	13.0
11	1010S1103	10.0	11.4	14.0
12	1010S1203	11.0	12.4	15.0
13	1010S1303	12.0	13.4	16.0
14	1010S1403	13.0	14.4	17.0
15	1010S1503	14.0	15.4	18.0
16	1010S1603	15.0	16.4	19.0
17	1010S1703	16.0	17.4	20.0
18	1010S1803	17.0	18.4	21.0
19	1010S1903	18.0	19.4	22.0
20	1010S2003	19.0	20.4	23.0

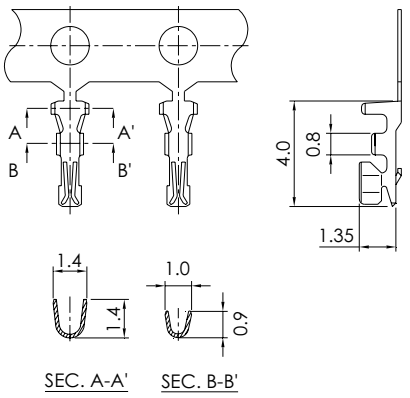
※ Available P/N of Halogen-Free replacement:
1010S xx 03-SNH (xx : Circuit No.)

1013T Crimp Terminal



■ Reference

◇ Mates with 1010S Housing



Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
1013T011R	28 - 32	0.8 Max.	15,000

Material

Part	Material	Remark
1013T011R	Phosphor Bronze Tin-Plated	

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

Mini Pitch 1010 SERIES CONNECTOR

LANDWIN

1.0 mm Pitch Wire to Board Connector

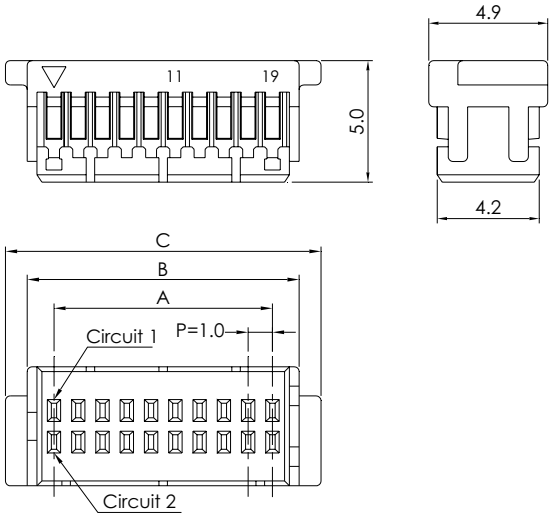
RoHS REACH LF HFA

■ Specifications

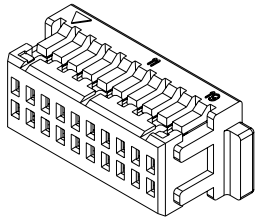
◇ Current rating: 1A AC,DC (AWG 28)
◇ Voltage Range: 50V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 100 MΩ Min.
◇ Temperature Range: -25℃ to 85℃

■ Reference

◇ Mates with 1011P,1012P Header
◇ Use with 1013T Terminal
◇ Certifications: UL, CSA



1010S Dual-Row Housing



Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
10	1010S10D3	4.0	6.2	8.0
20	1010S20D3	9.0	11.2	13.0
30	1010S30D3	14.0	16.2	18.0
40	1010S40D3	19.0	21.2	23.0
50	1010S50D3	24.0	26.2	28.0

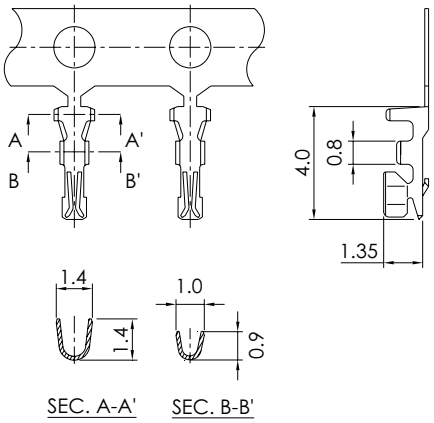
Material

Part	Material
Housing	PBT 94V-0, White

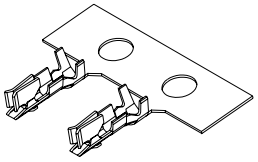
※ Available P/N of Halogen-Free replacement:
1010S xx D3-SNH (xx: Circuit No.)

■ Reference

◇ Mates with 1010S Housing



1013T Crimp Terminal



Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
1013T011R	28 - 32	0.8 Max.	15,000

Material

Part	Material	Remark
1013T011R	Phosphor Bronze Tin-Plated	

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

Mini Pitch 1010 SERIES CONNECTOR

LANDWIN

1.0 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

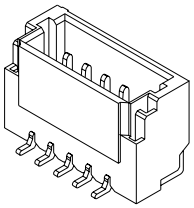
■ Specifications

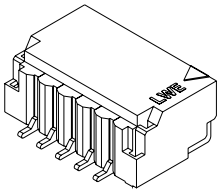
◇ Current rating: 1A AC,DC (AWG 28)
◇ Voltage Range: 50V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 100 MΩ Min.
◇ Temperature Range: -25℃ to 85℃

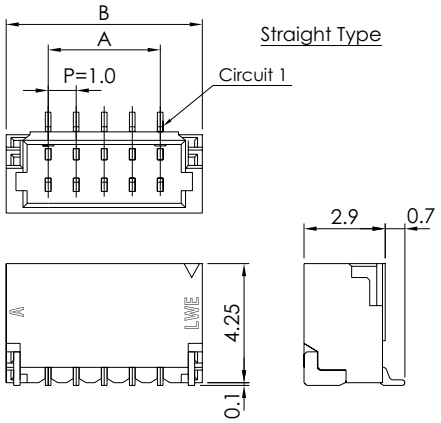
■ Reference

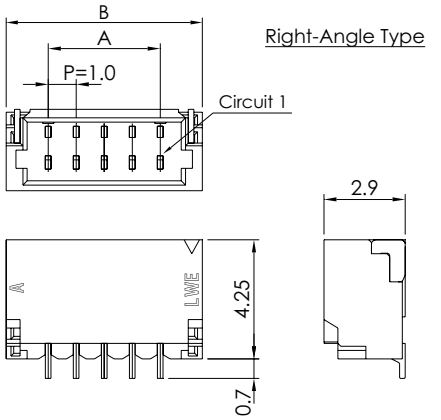
◇ Mates with 1010S Housing
◇ Certifications: UL, CSA

1011P, 1012P *SMT Header*
Single-Row









Ordering Information **REFLOW SOLDER SERIES**

Circuits	Part No.		Dimension	
	Straight	Right Angle	A	B
2	1011P02S9T	1012P02S9T	1.0	4.0
3	1011P03S9T	1012P03S9T	2.0	5.0
4	1011P04S9T	1012P04S9T	3.0	6.0
5	1011P05S9T	1012P05S9T	4.0	7.0
6	1011P06S9T	1012P06S9T	5.0	8.0
7	1011P07S9T	1012P07S9T	6.0	9.0
8	1011P08S9T	1012P08S9T	7.0	10.0
9	1011P09S9T	1012P09S9T	8.0	11.0
10	1011P10S9T	1012P10S9T	9.0	12.0
11	1011P11S9T	1012P11S9T	10.0	13.0
12	1011P12S9T	1012P12S9T	11.0	14.0
13	1011P13S9T	1012P13S9T	12.0	15.0
14	1011P14S9T	1012P14S9T	13.0	16.0
15	1011P15S9T	1012P15S9T	14.0	17.0
16	1011P16S9T	1012P16S9T	15.0	18.0
17	1011P17S9T	1012P17S9T	16.0	19.0
18	1011P18S9T	1012P18S9T	17.0	20.0
19	1011P19S9T	1012P19S9T	18.0	21.0
20	1011P20S9T	1012P20S9T	19.0	22.0

Material

Part	Material	Remark
Base	High HDT Nylon 94V-0, Ivory	
Contact	Phosphor Bronze, Matte Tin-plated	
Peg		

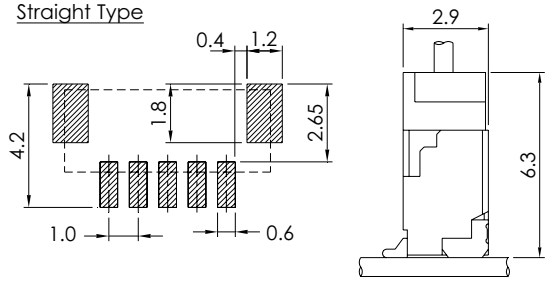
※ Available P/N of Halogen-Free replacement:
1011P xx S9T-SNH (xx : Circuit No.)
1012P xx S9T-SNH (xx : Circuit No.)

※ SMT Embossed Tape Packing Information:
Q'ty per 330 mm Dia. Panel of 1011P series: 1,000 PCS
Q'ty per 330 mm Dia. Panel of 1012P series: 1,000 PCS

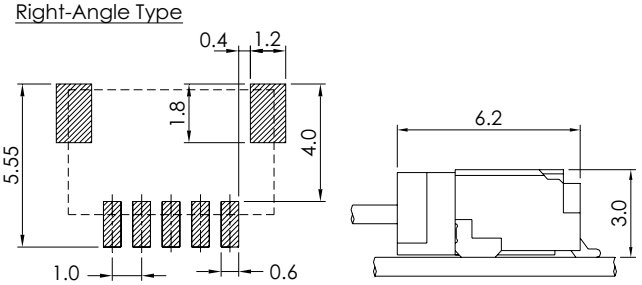
※ Gold-plated product is available.

P.C. Board Layout / Assembly Layout

Straight Type



Right-Angle Type



Mini Pitch 1010 SERIES CONNECTOR

LANDWIN

1.0 mm Pitch Wire to Board Dual-Row Connector

RoHS REACH LF HFA

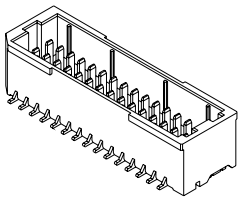
■ Specifications

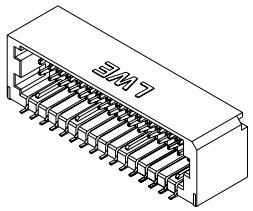
◇ Current rating: 1A AC,DC (AWG 28)
◇ Voltage Range: 50V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 100 MΩ Min.
◇ Temperature Range: -25℃ to 85℃

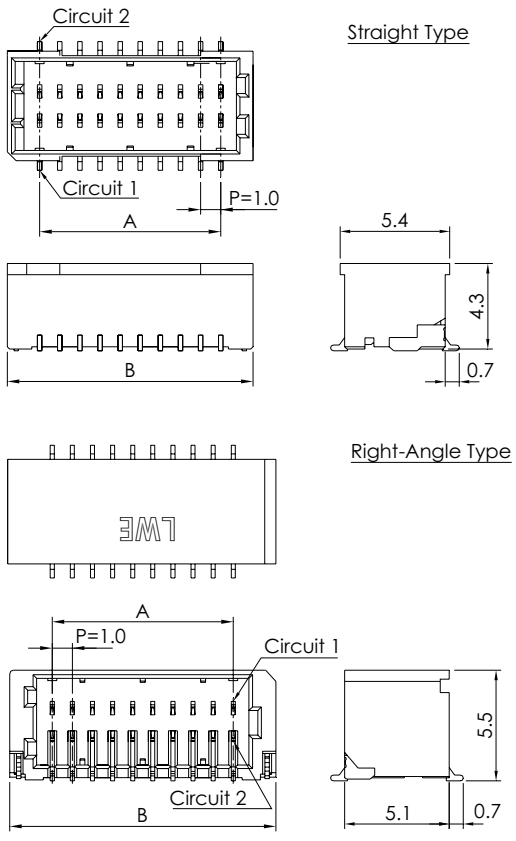
■ Reference

◇ Mates with 1010S Housing
◇ Certifications: UL, CSA

1011P, 1012P SMT Header Dual-Row







Ordering Information REFLOW SOLDER SERIES

Circuits	Part No.	Dimension A	Dimension B
	Straight Type		
10	1011P10D9T	4.0	7.3
20	1011P20D9T	9.0	12.3
30	1011P30D9T	14.0	17.3
40	1011P40D91	19.0	22.3
50	1011P50D91	24.0	27.3
	Right-Angle Type		
10	1012P10D9T	4.0	8.0
20	1012P20D9T	9.0	13.0
30	1012P30D9T	14.0	18.0
40	1012P40D91	19.0	23.0
50	1012P50D91	24.0	28.0

Material

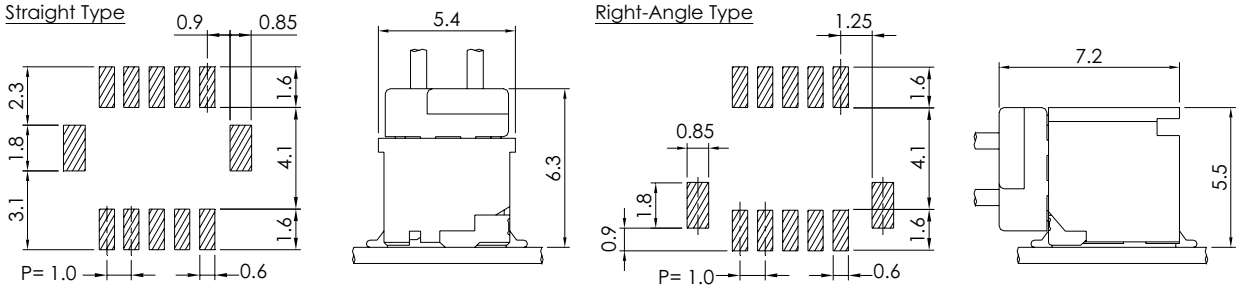
Part	Material
Base	High HDT Nylon 94V-0, Ivory
Contact	Phosphor Bronze, Matte Tin-plated Phosphor Bronze, Gold-plated(40~50 Circuits)
Peg	Phosphor Bronze, Matte Tin-plated

※ SMT Embossed Tape Packing Information:
Q'ty per 330 mm Dia. Panel of 1011P series: 1,000 PCS
Q'ty per 330 mm Dia. Panel of 1012P series: 1,000 PCS

※ Available P/N of Halogen-Free replacement:
1011P xx D9T-SNH (xx: Circuit No.)
1012P xx D9T-SNH (xx: Circuit No.)

※ Gold-plated product is available.

P.C. Board Layout / Assembly Layout



Mini Pitch 1240 SERIES CONNECTOR

LANDWIN

1.25 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

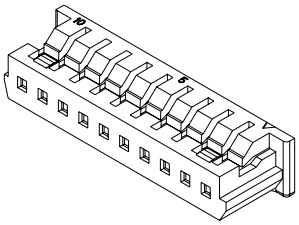
■ Specifications

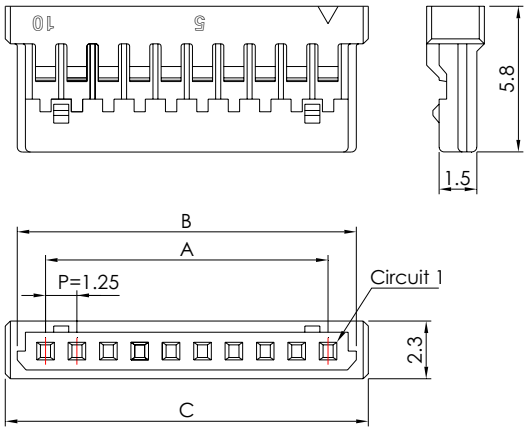
◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 150V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 30 mΩ Max. before Environment test
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -25℃ to 85℃

■ Reference

◇ Mates with 1242P Header
◇ Use with 1243T Terminal

1240S Single-Row Housing





Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	1240S0201	1.25	3.5	4.5
3	1240S0301	2.50	4.7	5.7
4	1240S0401	3.75	6.0	7.0
5	1240S0501	5.00	7.2	8.2
6	1240S0601	6.25	8.5	9.5
7	1240S0701	7.50	9.7	10.7
8	1240S0801	8.75	11.0	12.0
9	1240S0901	10.00	12.2	13.2
10	1240S1001	11.25	13.5	14.5
14	1240S1401	16.25	18.5	19.5
15	1240S1501	17.50	19.7	20.7
20	1240S2001	23.75	26.0	27.0
25	1240S2501	30.00	32.2	33.2
30	1240S3001	36.25	38.5	39.5

Material

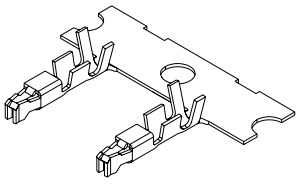
Part	Material
Housing	Nylon 66 94V-0

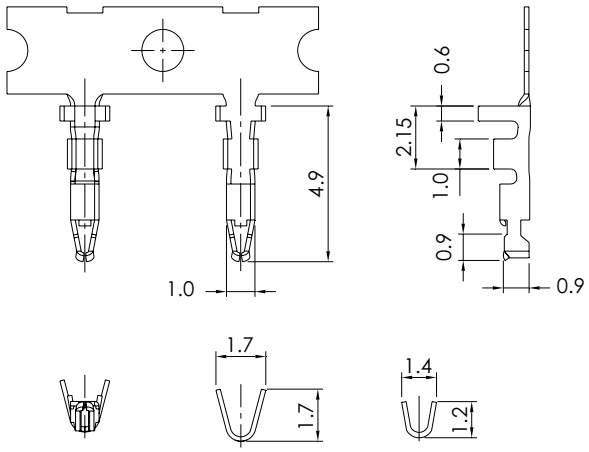
※ Available P/N of Halogen-Free replacement:
1240S xx 01-SNH (xx: Circuit No.)

■ Reference

◇ Mates with 1240S Housing

1243T Crimp Terminal





Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
1243T011R	28 - 32	0.8 Max.	10,000

Material

Part	Material	Remark
1243T011R	Phosphor bronze, Tin-plated	

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

Mini Pitch 1240 SERIES CONNECTOR

LANDWIN

1.25 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

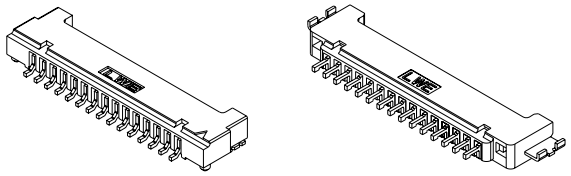
■ Specifications

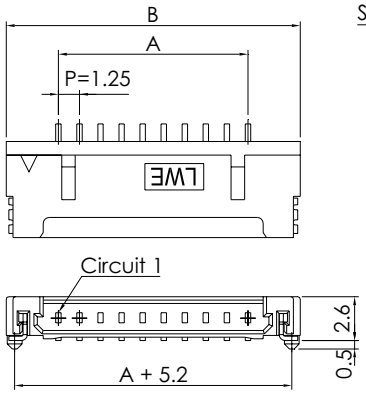
◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 150V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 30 mΩ Max. before Environment test
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -25℃ to 85℃

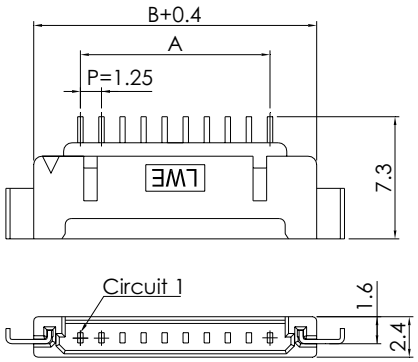
■ Reference

◇ Mates with 1240S Housing

***1242P** SMT Header*
Super Low-Profile







Ordering Information **REFLOW SOLDER SERIES**

Circuits	Part No.		Dimension	
	With PEG	Offset Type	A	B
2	1242P0209T	1242P02S9T	1.25	7.4
3	1242P0309T	1242P03S9T	2.50	8.7
4	1242P0409T	1242P04S9T	3.75	9.9
5	1242P0509T	1242P05S9T	5.00	11.2
6	1242P0609T	1242P06S9T	6.25	12.4
7	1242P0709T	1242P07S9T	7.50	13.7
8	1242P0809T	1242P08S9T	8.75	14.9
9	1242P0909T	1242P09S9T	10.00	16.2
10	1242P1009T	1242P10S9T	11.25	17.4
14	1242P1409T	1242P14S9T	16.25	22.4
15	1242P1509T	1242P15S9T	17.50	23.7
20	1242P2009T	1242P20S9T	23.75	29.9
25	1242P2509T	1242P25S9T	30.00	36.2
30	1242P3009T	1242P30S9T	36.25	42.4

Material

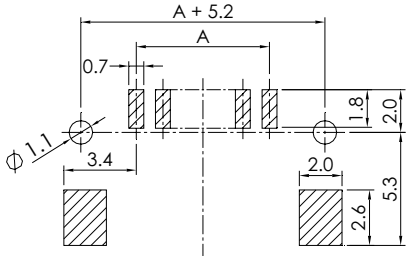
Part	Material / Finish	Remark
Base	High HDT Nylon 94V-0, Ivory	
Contact Peg	Phosphor Bronze, Matte Tin-Plated	

※ Available P/N of Halogen-Free replacement:
1242P xx 09T-SNH (xx: Circuit No.)
1242P xx S9T-SNH (xx: Circuit No.)

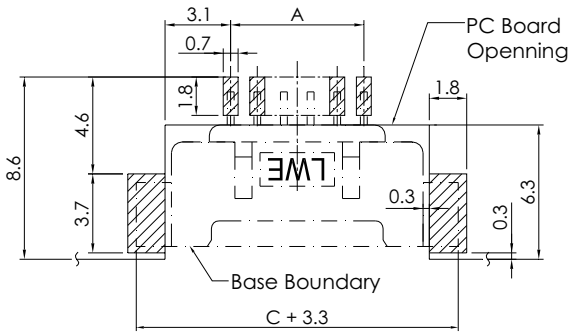
※ SMT Embossed Tape Packing Information:
Q'ty per 330 mm Dia. Panel: 1,000 PCS

P.C. Board Layout / Assembly Layout

Surface-mounted Type



Offset-mounted Type



Mini Pitch 1250 SERIES CONNECTOR

LANDWIN

1.25 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

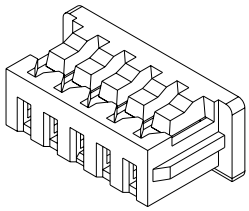
1250S Single-Row Housing

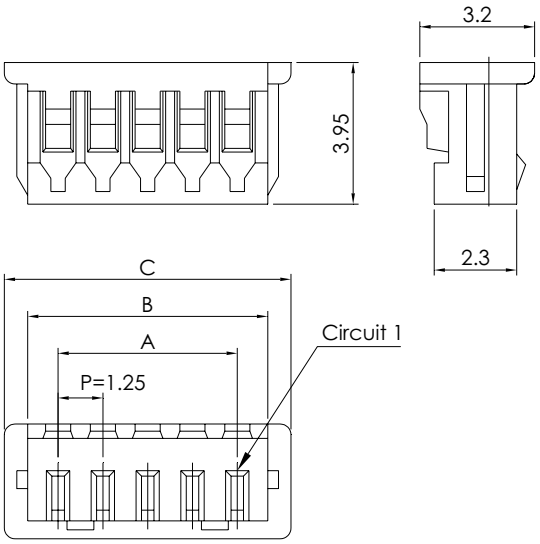
■ Specifications

◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 125V AC,DC
◇ Withstand Voltage: 250V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 100 MΩ Min.
◇ Temperature Range: -40℃ to 85℃

■ Reference

◇ Mates with 1251P,1252P Headers
◇ Use with 1253T Terminal
◇ Certifications: UL, CSA





Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	1250S02 03	1.25	2.95	4.3
3	1250S03 03	2.50	4.20	5.5
4	1250S04 03	3.75	5.45	6.8
5	1250S05 03	5.00	6.70	8.0
6	1250S06 03	6.25	7.95	9.3
7	1250S07 03	7.50	9.20	10.5
8	1250S08 03	8.75	10.45	11.8
9	1250S09 03	10.00	11.70	13.0
10	1250S10 03	11.25	12.95	14.3
11	1250S11 03	12.50	14.20	15.5
12	1250S12 03	13.75	15.45	16.8
13	1250S13 03	15.00	16.70	18.0
14	1250S14 03	16.25	17.95	19.3
15	1250S15 03	17.50	19.20	20.5

Material

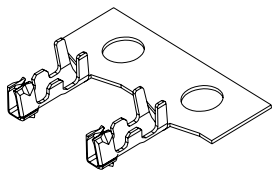
Part	Material
Housing	PBT 94V-0, White

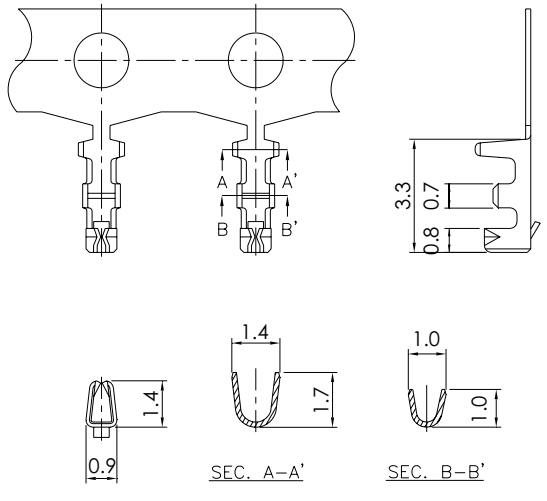
※ Available P/N of Halogen-Free replacement:
1250S xx 03-SNH (xx: Circuit No.)

1253T Crimp Terminal

■ Reference

◇ Mates with 1250S Housing





Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
1253T011R	26 - 32	1.0 Max.	10,000

Material

Part	Material	Remark
1253T011R	Phosphor bronze, Tin-plated	

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

WING ELECTRONIC S.R.L. TEL: +39 06.87.120.170 EMAIL: WINGELECTRONIC@WINGELECTRONIC.COM

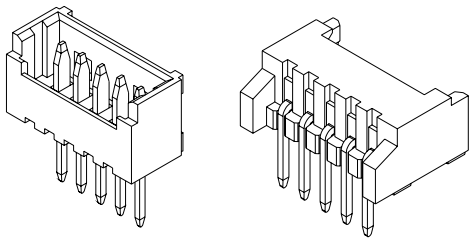
Mini Pitch 1250 SERIES CONNECTOR

LANDWIN

1.25 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

1251P, 1252P DIP Header

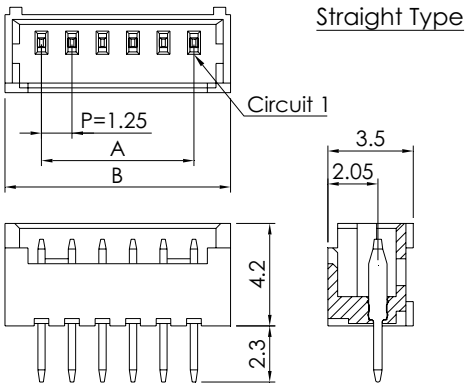


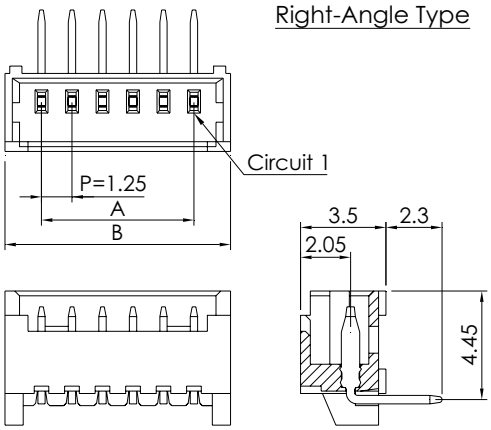
■ Specifications

◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 125V AC,DC
◇ Withstand Voltage: 250V AC/Minute
◇ Contact Resistance :20 mΩ Max. before Environment test
◇ Insulation Resistance: 100 MΩ Min.
◇ Temperature Range: -40℃ to 85℃
◇ Applicable PC Board Thickness: 0.6~1.2mm

■ Reference

◇ Mates with 1250S Housing
◇ Certifications: UL, CSA





Ordering Information

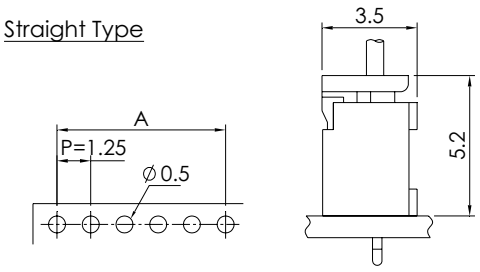
Circuits	Part No.		Dimension	
	Straight	Right Angle	A	B
2	1251P0200T	1252P0200T	1.25	4.3
3	1251P0300T	1252P0300T	2.50	5.5
4	1251P0400T	1252P0400T	3.75	6.8
5	1251P0500T	1252P0500T	5.00	8.0
6	1251P0600T	1252P0600T	6.25	9.3
7	1251P0700T	1252P0700T	7.50	10.5
8	1251P0800T	1252P0800T	8.75	11.8
9	1251P0900T	1252P0900T	10.00	13.0
10	1251P1000T	1252P1000T	11.25	14.3
11	1251P1100T	1252P1100T	12.50	15.5
12	1251P1200T	1252P1200T	13.75	16.8
13	1251P1300T	1252P1300T	15.00	18.0
14	1251P1400T	1252P1400T	16.25	19.3
15	1251P1500T	1252P1500T	17.50	20.5

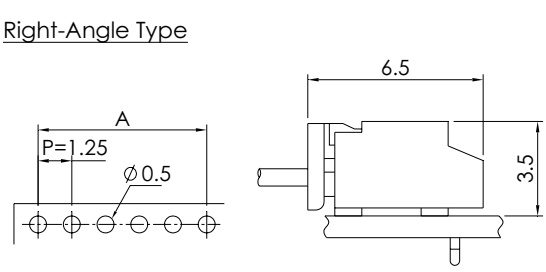
Material

Part	Material
Base	Nylon 66 94V-0
Contact	Phosphor Bronze, Tin-Plated

※ Available P/N of Halogen-Free replacement:
1251P xx 00T-SNH (xx: Circuit No.)
1252P xx 00T-SNH (xx: Circuit No.)

P.C. Board Layout / Assembly Layout





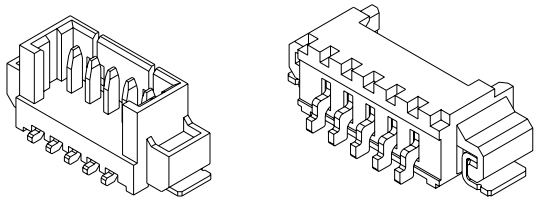
Mini Pitch 1250 SERIES CONNECTOR

LANDWIN

1.25 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

1251P, 1252P SMT Header

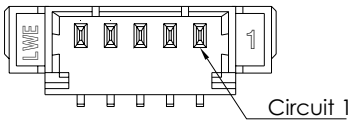


■ Specifications

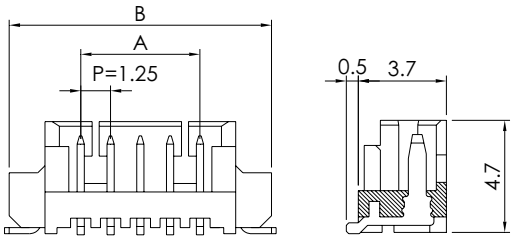
◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 125V AC,DC
◇ Withstand Voltage: 250V AC/Minute
◇ Contact Resistance :20 mΩ Max. before Environment test
◇ Insulation Resistance: 100 MΩ Min.
◇ Temperature Range: -40℃ to 85℃

■ Reference

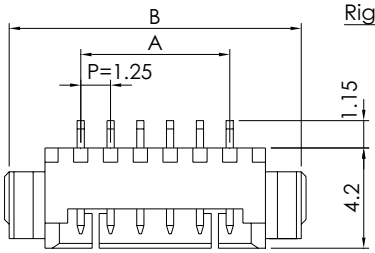
◇ Mates with 1250S Housing
◇ Certifications: UL, CSA

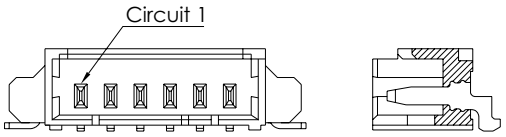


Straight Type



Right-Angle Type





Ordering Information **REFLOW SOLDER SERIES**

Circuits	Part No.		Dimension	
	Straight	Right Angle	A	B
2	1251P0210T	1252P0210T	1.25	7.3
3	1251P0310T	1252P0310T	2.50	8.5
4	1251P0410T	1252P0410T	3.75	9.8
5	1251P0510T	1252P0510T	5.00	11.0
6	1251P0610T	1252P0610T	6.25	12.3
7	1251P0710T	1252P0710T	7.50	13.5
8	1251P0810T	1252P0810T	8.75	14.8
9	1251P0910T	1252P0910T	10.00	16.0
10	1251P1010T	1252P1010T	11.25	17.3
11	1251P1110T	1252P1110T	12.50	18.5
12	1251P1210T	1252P1210T	13.75	19.8
13	1251P1310T	1252P1310T	15.00	21.0
14	1251P1410T	1252P1410T	16.25	22.3
15	1251P1510T	1252P1510T	17.50	23.5

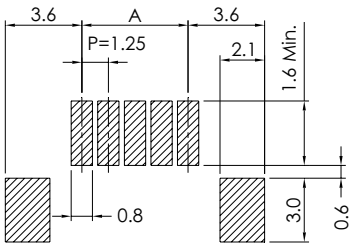
Material

Part	Material
Base	High HDT Nylon 94V-0, Ivory
Contact	Phosphor Bronze, Matte Tin-Plated

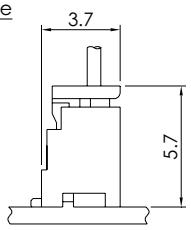
※ SMT Embossed Tape Packing Information:
Q'ty per 330 mm Dia. Panel of 1251P series: 1,000 PCS
Q'ty per 330 mm Dia. Panel of 1252P series: 1,000 PCS

※ Available P/N of Halogen-Free replacement:
1251P xx 10T-SNH (xx : Circuit No.)
1252P xx 10T-SNH (xx : Circuit No.)

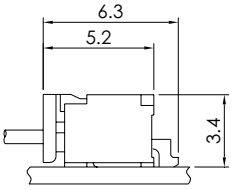
P.C. Board Layout / Assembly Layout



Straight Type



Right-Angle Type



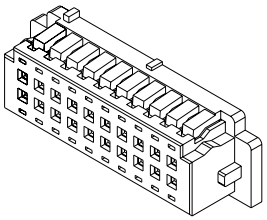
Mini Pitch 1250 SERIES CONNECTOR

LANDWIN

1.25 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

1250S Dual -Row Housing

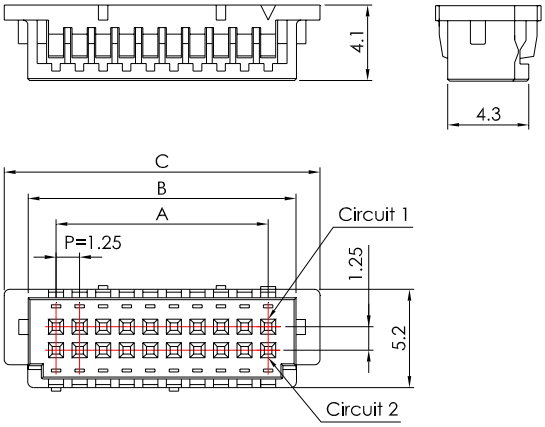


■ Specifications

◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 150V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 30 mΩ Max. before Environment test
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -35℃ to 85℃

■ Reference

◇ Mates with 1251P Dual-Row Header
◇ Use with 1253TD Terminal



Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
10	1250S10D0	5.00	8.0	10.4
20	1250S20D0	11.25	14.3	16.7
30	1250S30D0	17.50	20.5	22.9
40	1250S40D0	23.75	26.8	29.2
50	1250S50D0	30.00	33.0	35.4

Material

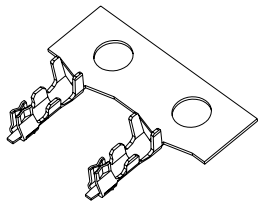
Part	Material
Housing	Nylon 66 94V-0

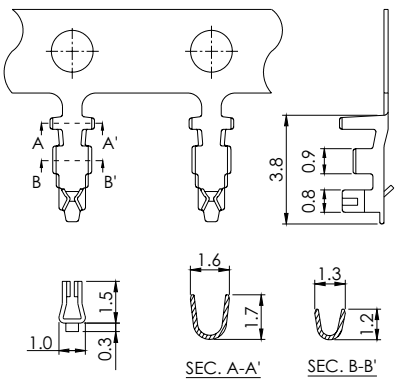
※ Available P/N of Halogen-Free replacement:
1250S xx D0-SNH (xx: Circuit No.)

1253TD Crimp Terminal

■ Reference

◇ Mates with 1250S Dual-Row Housing





Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
1253TD11R	26 - 30	1.0 Max.	10,000

Material

Part	Material	Remark
1253TD11R	Phosphor bronze, Tin-plated	

※ Halogen-free product

※ Contact for more plating selection.

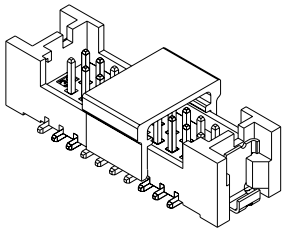
Mini Pitch 1250 SERIES CONNECTOR

LANDWIN

1.25 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

1251P Dual-Row SMT Header

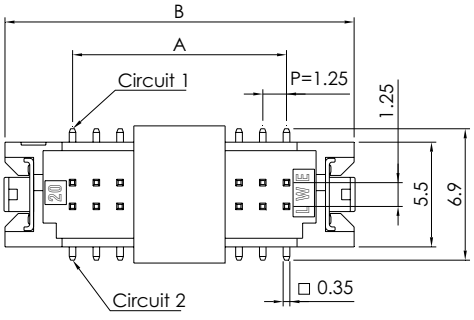


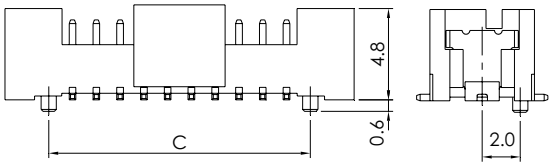
■ Specifications

◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 150V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 30 mΩ Max. before Environment test
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -35℃ to 85℃

■ Reference

◇ Mates with 1250S Dual-Row Housing





Ordering Information **REFLOW SOLDER SERIES**

Circuits	Part No.	Dimension		
	Straight Type	A	B	C
10	1251P10D0T	5.00	12.10	7.50
20	1251P20D0T	11.25	18.35	13.75
30	1251P30D0T	17.50	24.60	20.00
40	1251P40D0T	23.75	30.85	26.25
50	1251P50D0T	30.00	37.10	32.50

Material

Part	Material		Remark
Base	High HDT Nylon 94V-0, Ivory		
Contact	Phosphor Bronze	Matte Tin	
Peg		Matte Tin	

Gold-finish selection

Ordering Information

Circuits	Part No.	Dimension		
	Straight Type	A	B	C
10	1251P10D01	5.00	12.10	7.50
20	1251P20D01	11.25	18.35	13.75
30	1251P30D01	17.50	24.60	20.00
40	1251P40D01	23.75	30.85	26.25
50	1251P50D01	30.00	37.10	32.50

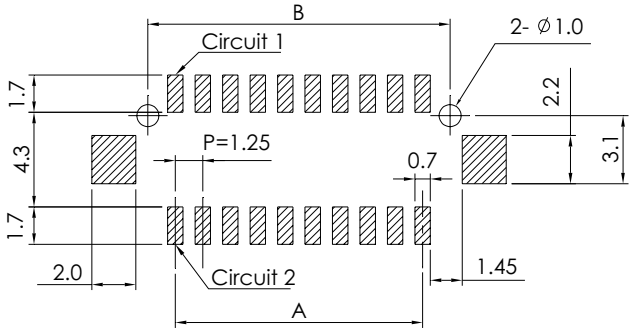
Material

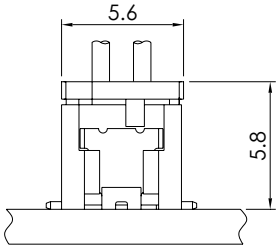
Part	Material / Finish		Remark
Base	High HDT Nylon 94V-0, Ivory		
Contact	Phosphor Bronze	Gold Flash	
Peg		Matte Tin	

※ Available P/N of Halogen-Free replacement:
1251P xx D01-SNH (xx: Circuit No.)
1251P xx D0T-SNH (xx: Circuit No.)

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

P.C. Board Layout / Assembly Layout





Mini Pitch 12500 SERIES CONNECTOR

LANDWIN

1.25 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

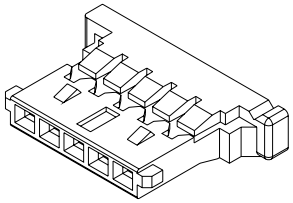
12500S Crimp Housing

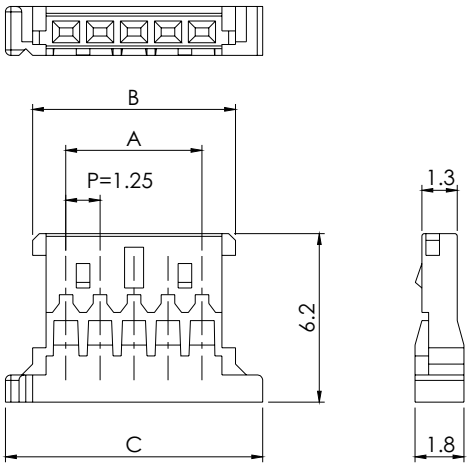
■ Specifications

◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 125V AC,DC
◇ Withstand Voltage: 250V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 100 MΩ Min.
◇ Temperature Range: -40℃ to 85℃
◇ Material: PBT 94V-0 (White)

■ Reference

◇ Mates with 12501P Header
◇ Use with 12503T Terminal





Ordering Information

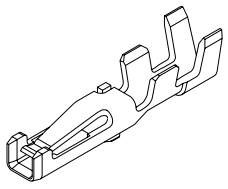
Circuits	Part No.	Dimension		
		A	B	C
2	12500S0203	1.25	3.72	5.7
3	12500S0303	2.50	4.97	7.0
4	12500S0403	3.75	6.22	8.2
5	12500S0503	5.00	7.47	9.5
6	12500S0603	6.25	8.72	10.7
7	12500S0703	7.50	9.97	12.0
8	12500S0803	8.75	11.22	13.2
9	12500S0903	10.00	12.47	14.5
10	12500S1003	11.25	13.72	15.7
12	12500S1203	13.75	16.22	18.2
14	12500S1403	16.25	18.72	20.7
15	12500S1503	17.50	19.97	22.0
16	12500S1603	18.75	21.22	23.2
18	12500S1803	21.25	23.72	25.7
20	12500S2003	23.75	26.22	28.2
22	12500S2203	26.25	28.72	30.7
24	12500S2403	28.75	31.22	33.2
26	12500S2603	31.25	33.72	35.7
28	12500S2803	33.75	36.22	38.2
30	12500S3003	36.25	38.72	40.7

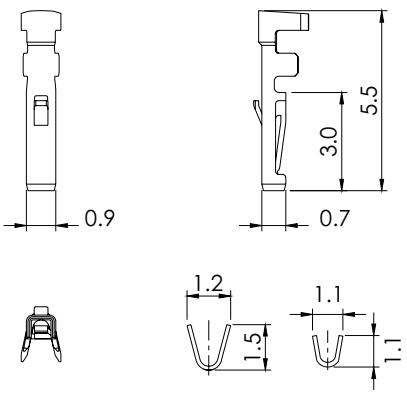
※ Available P/N of Halogen-Free replacement:
12500S xx 00-SNH (xx: Circuit No.)

12503T Crimp Terminal

■ Reference

◇ Mates with 12500SHousing





Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
12503T011R	26 - 32	1.0 Max.	15,000

Material

Part	Material		Remark
12503T011R	Phosphor Bronze	Tin-Plated	

※ Halogen-Free Product

Mini Pitch 12500 SERIES CONNECTOR

LANDWIN

1.25 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

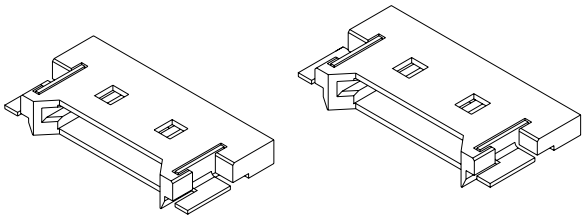
12501P SMT Header

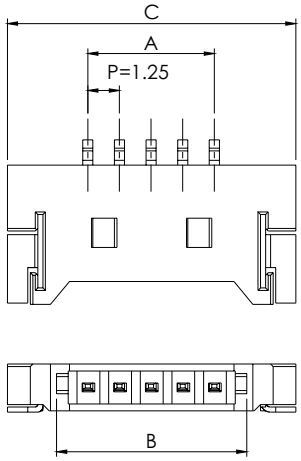
■ Specifications

◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 125V AC,DC
◇ Withstand Voltage: 250V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 100 MΩ Min.
◇ Temperature Range: -40℃ to 85℃

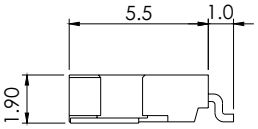
■ Reference

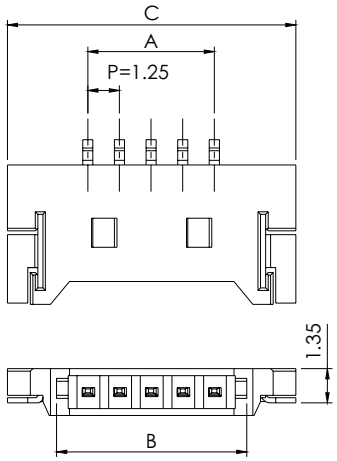
◇ Mates with 12500S Housing



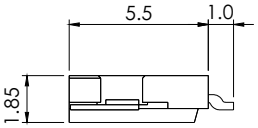


Surface-Mount





Offset-Type



Ordering Information **REFLOW SOLDER SERIES**

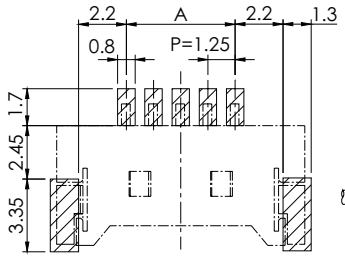
Circuits	Part No.		Dimension	
	Surface-Mount	Off-Set	A	B
2	12501P0209T	12501P02S9T	1.25	3.8
3	12501P0309T	12501P03S9T	2.50	5.0
4	12501P0409T	12501P04S9T	3.75	6.3
5	12501P0509T	12501P05S9T	5.00	7.5
6	12501P0609T	12501P06S9T	6.25	8.8
7	12501P0709T	12501P07S9T	7.50	10.0
8	12501P0809T	12501P08S9T	8.75	11.3
9	12501P0909T	12501P09S9T	10.00	12.5
10	12501P1009T	12501P10S9T	11.25	13.8
12	12501P1209T	12501P12S9T	13.75	16.3
14	12501P1409T	12501P14S9T	16.25	18.8
15	12501P1509T	12501P15S9T	17.50	20.0
16	12501P1609T	12501P16S9T	18.75	21.3
18	12501P1809T	12501P18S9T	21.25	23.8
20	12501P2009T	12501P20S9T	23.75	26.3
22	12501P2209T	12501P22S9T	26.25	28.8
24	12501P2409T	12501P24S9T	28.75	31.3
26	12501P2609T	12501P26S9T	31.25	33.8
28	12501P2809T	12501P28S9T	33.75	36.3
30	12501P3009T	12501P30S9T	36.25	38.8

Material

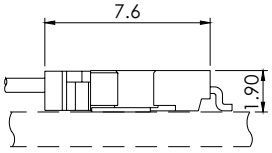
Part	Material
Base	High HDT Nylon 66 94V-0, Ivory
Contact	Phosphor Bronze, Matte Tin-Plated

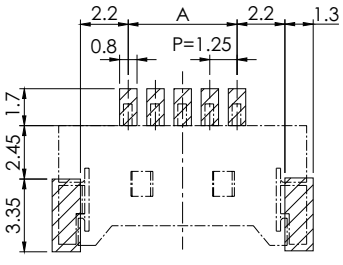
※ Available P/N of Halogen-Free replacement:
12501P xx 09T-SNH (xx: Circuit No.)
12501P xx S9T-SNH (xx: Circuit No.)
※ SMT Embossed Packing

P.C. Board Layout / Assembly Layout

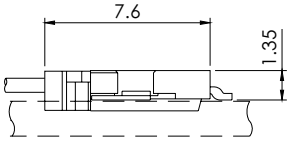


Surface-Mount





Offset-Type



Mini Pitch 1500 SERIES CONNECTOR

LANDWIN

1.5 mm Pitch Wire to Board Connector

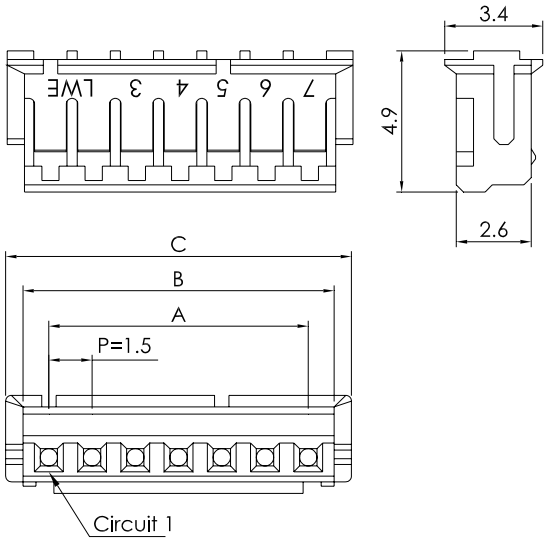
RoHS REACH LF HFA

■ Specifications

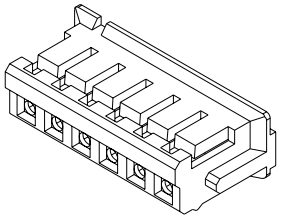
◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 50V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -25℃ to 85℃

■ Reference

◇ Mates with 1501P,1502P Headers
◇ Use with 1503T Terminal
◇ Certifications: UL, CSA



1500S Single-Row Housing



Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	1500S0200	1.5	3.3	4.5
3	1500S0300	3.0	4.8	6.0
4	1500S0400	4.5	6.3	7.5
5	1500S0500	6.0	7.8	9.0
6	1500S0600	7.5	9.3	10.5
7	1500S0700	9.0	10.8	12.0
8	1500S0800	10.5	12.3	13.5
9	1500S0900	12.0	13.8	15.0
10	1500S1000	13.5	15.3	16.5
11	1500S1100	15.0	16.8	18.0
12	1500S1200	16.5	18.3	19.5
13	1500S1300	18.0	19.8	21.0

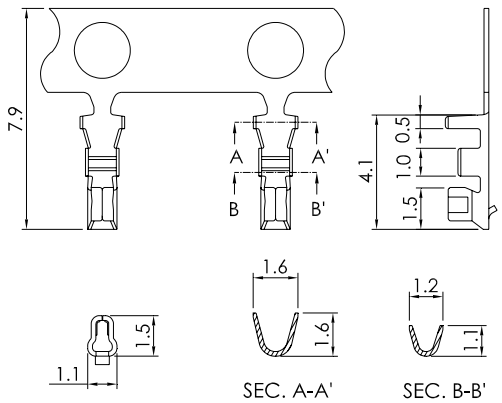
Material

Part	Material
Housing	Nylon 66 94V-0, White

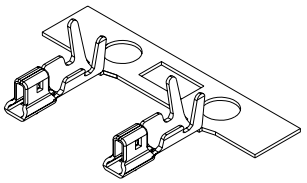
※ Available P/N of Halogen-Free replacement:
1500S xx 00-SNH (xx: Circuit No.)

■ Reference

◇ Mates with 1500S Housing



1503T Crimp Terminal



Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
1503T011R	28 - 32	0.9 Max.	15,000

Material

Part No.	Material
1503T011R	Phosphor Bronze, Tin-Plated

※ Halogen-Free Product

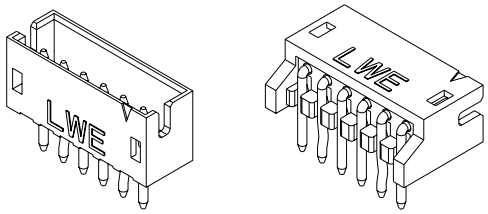
Mini Pitch 1500 SERIES CONNECTOR

LANDWIN

1.5 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

1501P, 1502P DIP Header



■ Specifications

◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 50V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -25℃ to 85℃
◇ Applicable PC Board Thickness: 0.6~1.2mm

■ Reference

◇ Mates with 1500S Housing
◇ Certifications: UL, CSA

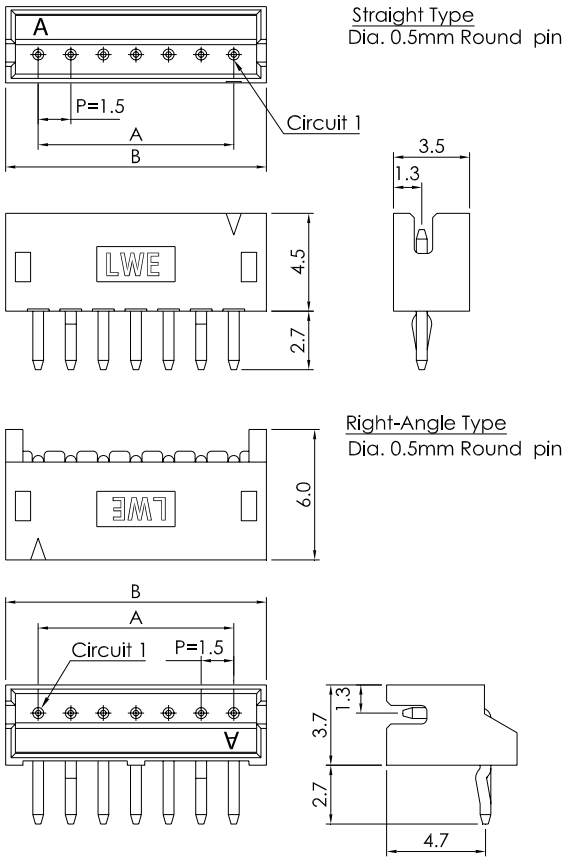
Ordering Information

Circuits	Part No.		Dimension	
	Straight	Righ Angle	A	B
2	1501P0200T	1502P0200T	1.5	4.5
3	1501P0300T	1502P0300T	3.0	6.0
4	1501P0400T	1502P0400T	4.5	7.5
5	1501P0500T	1502P0500T	6.0	9.0
6	1501P0600T	1502P0600T	7.5	10.5
7	1501P0700T	1502P0700T	9.0	12.0
8	1501P0800T	1502P0800T	10.5	13.5
9	1501P0900T	1502P0900T	12.0	15.0
10	1501P1000T	1502P1000T	13.5	16.5
11	1501P1100T	1502P1100T	15.0	18.0
12	1501P1200T	1502P1200T	16.5	19.5
13	1501P1300T	1502P1300T	18.0	21.0

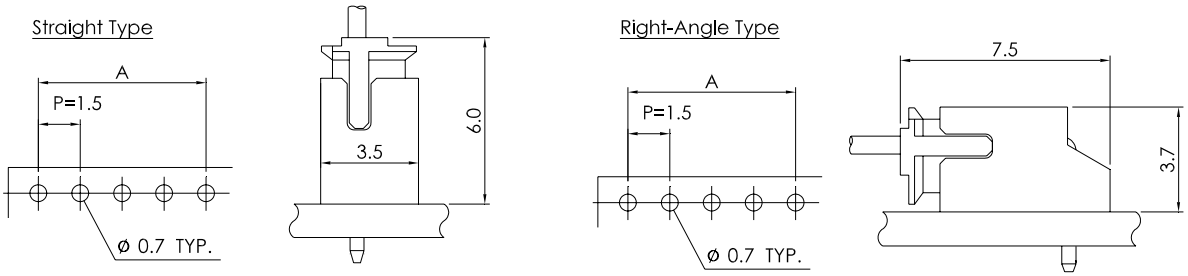
Material

Part	Material
Base	Nylon 66 94V-0
Contact	Brass, Matte Tin-Plated

※ Available P/N of Halogen-Free replacement:
1501P xx 00T-SNH (xx: Circuit No.)
1502P xx 00T-SNH (xx: Circuit No.)



P.C. Board Layout / Assembly Layout



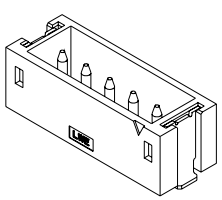
Mini Pitch 1500 SERIES CONNECTOR

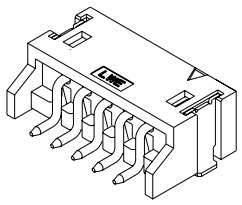
LANDWIN

1.5 mm Pitch Wire to Board Connector

RoHS REACH LF HFA

1501P, 1502P SMT Header



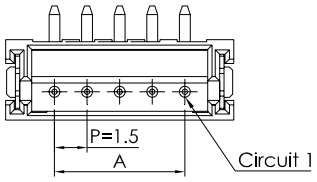


■ Specifications

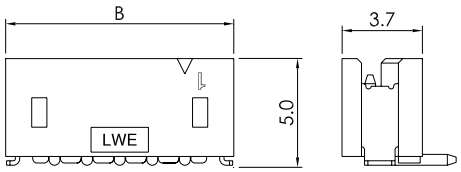
◇ Current rating: 1A AC,DC (AWG 26)
◇ Voltage Range: 50V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 20 mΩ Max. before Environment test
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -25℃ to 85℃
◇ Applicable PC Board Thickness: 0.6~1.2mm

■ Reference

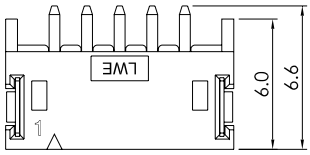
◇ Mates with 1500S Housing
◇ Certifications: UL, CSA

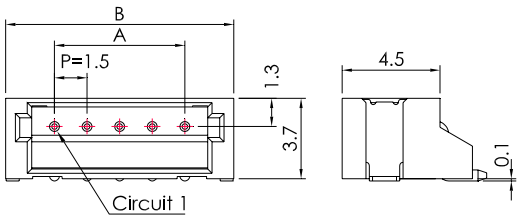


Straight Type
Dia. 0.5mm Round pin



Right-Angle Type
Dia. 0.5mm Round pin





Ordering Information — REFLOW SOLDER SERIES

Circuits	Part No.		Dimension	
	Straight	Righ Angle	A	B
2	1502P02S0T	1502P02S0T	1.5	6.0
3	1502P03S0T	1502P03S0T	3.0	7.5
4	1502P04S0T	1502P04S0T	4.5	9.0
5	1502P05S0T	1502P05S0T	6.0	10.5
6	1502P06S0T	1502P06S0T	7.5	12.0
7	1502P07S0T	1502P07S0T	9.0	13.5
8	1502P08S0T	1502P08S0T	10.5	15.0
9	1502P09S0T	1502P09S0T	12.0	16.5
10	1502P10S0T	1502P10S0T	13.5	18.0
11	1502P11S0T	1502P11S0T	15.0	19.5
12	1502P12S0T	1502P12S0T	16.5	21.0
13	1502P13S0T	1502P13S0T	18.0	22.5

Material

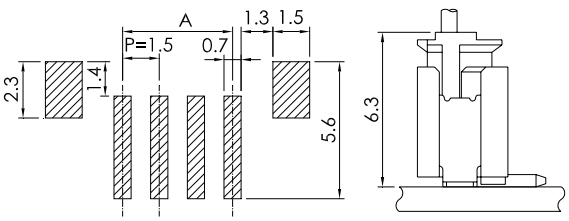
Part	Material
Base	High HDT Nylon 94V-0, Ivory
Contact Peg	Phosphor Bronze, Matte-Tin Plated

※ Available P/N of Halogen-Free replacement:
1501P xx S0T-SNH (xx: Circuit No.)
1502P xx S0T-SNH (xx: Circuit No.)

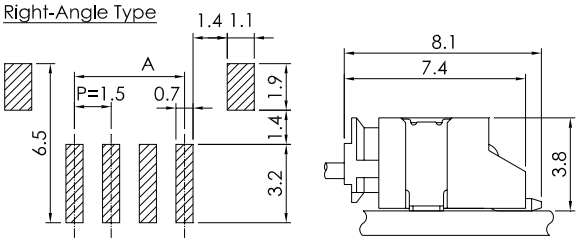
※ SMT Embossed Tape Packing Information:
Q'ty per 330 mm Dia. Panel of 1501P series: 1,000 PCS
Q'ty per 330 mm Dia. Panel of 1502P series: 1,000 PCS

P.C. Board Layout / Assembly Layout

Straight Type



Right-Angle Type



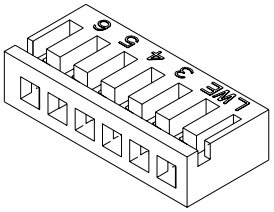
Mini Pitch 1500 SERIES CONNECTOR

LANDWIN

1.5 mm Pitch Board-in Connector

RoHS REACH LF HFA

1508S Board-in Housing



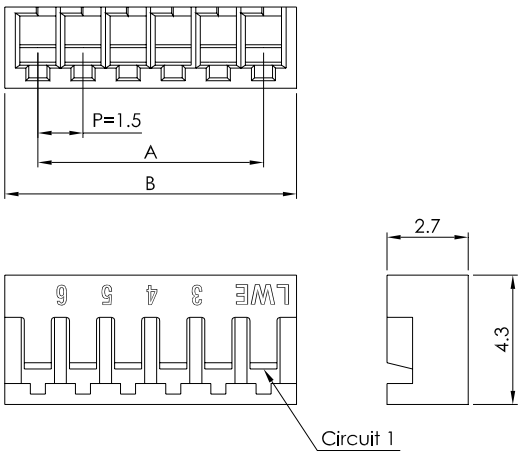
■ Specifications

◇ Current rating: 1A AC/DC (AWG 26)
◇ Voltage Range: 200V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 10 mΩ Max. before Environment test
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -20℃ to 85℃
◇ Applicable Wire: AWG 26 to AWG 28
◇ Applicable PC Board Thickness: 0.8 ~1.2mm

■ Reference

◇ Use with 1509T, 1519T Crimp Terminal
◇ Certifications: UL, CSA

1508 HOUSING



Ordering Information

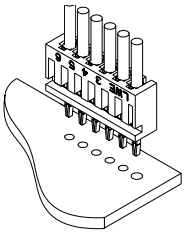
Circuits	Part No.	Dimension	
		A	B
2	1508S0200	1.5	3.7
3	1508S0300	3.0	5.2
4	1508S0400	4.5	6.7
5	1508S0500	6.0	8.2
6	1508S0600	7.5	9.7
7	1508S0700	9.0	11.2
8	1508S0800	10.5	12.7
9	1508S0900	12.0	14.2
10	1508S1000	13.5	15.7
11	1508S1100	15.0	17.2
12	1508S1200	16.5	18.7
13	1508S1300	18.0	20.2
14	1508S1400	19.5	21.7
15	1508S1500	21.0	23.2

Material

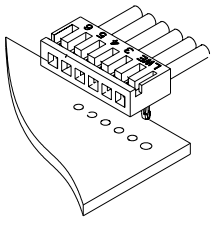
Part	Material
Housing	Nylon 66 94V-0, White

Application Note

USED WITH 1509T

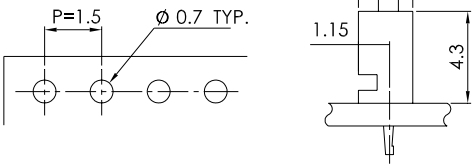


USED WITH 1519T

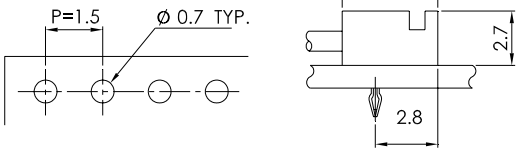


P.C. Board Layout / Assembly Layout

Straight Type



Right-Angle Type



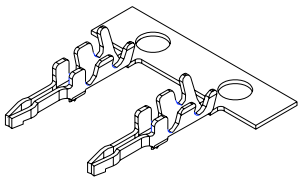
Mini Pitch 1500 SERIES CONNECTOR

LANDWIN

1.5 mm Pitch Board-in Connector

RoHS REACH LF HFA

1509T Board-in Terminal

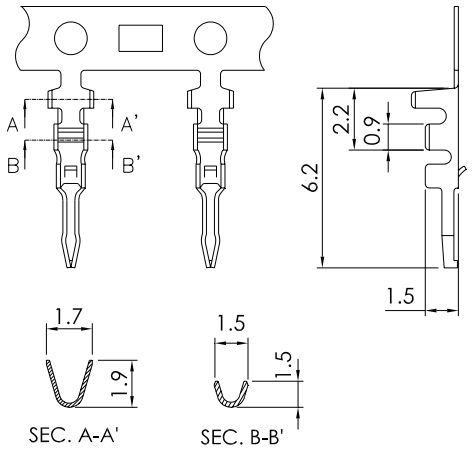


■ Specifications

◇ Current rating: 1A AC/DC (AWG 26)
◇ Voltage Range: 200V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 10 mΩ Max. before Environment test
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -20℃ to 85℃
◇ Applicable PC Board Thickness: 0.8 ~ 1.2mm

■ Reference

◇ Mates with 1508S Board-in Housing



Ordering Information

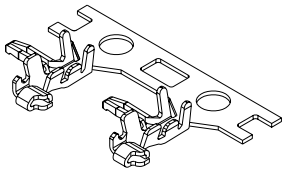
Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
1509T011R	26 - 28	1.1 Max.	20,000

Material

Part	Material	Remark
1509T011R	Phosphor Bronze, Tin-Plated	

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

1519T Board-in Terminal

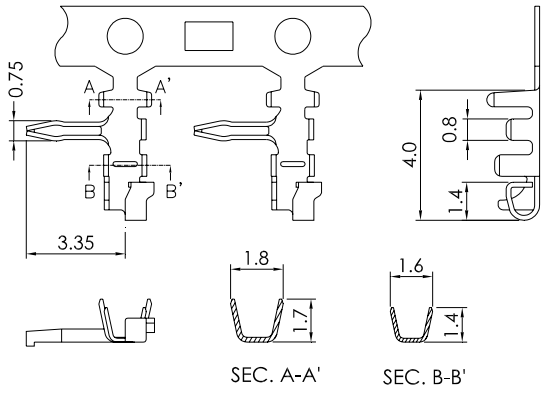


■ Specifications

◇ Current rating: 1A AC/DC (AWG 26)
◇ Voltage Range: 200V AC,DC
◇ Withstand Voltage: 500V AC/Minute
◇ Contact Resistance: 10 mΩ Max.
◇ Insulation Resistance: 500 MΩ Min.
◇ Temperature Range: -20℃ to 85℃
◇ Applicable PC Board Thickness: 0.8 ~ 1.2mm

■ Reference

◇ Mates with 1508S Board-in Housing



Ordering Information

Part Number	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
1519T011R	26 - 28	1.1 Max.	20,000

Material

Part	Material	Remark
1519T011R	Phosphor Bronze, Tin-Plated	

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