

Wafer | Housing | Terminal Series

2.00mm Pitch Connector Series



SW0500-N -1-



AW0500-N -2-



CH0500-N -3-



CT0500 -4-



BH0500-N -5-



BT0500 -6-



BAT0500 -7-

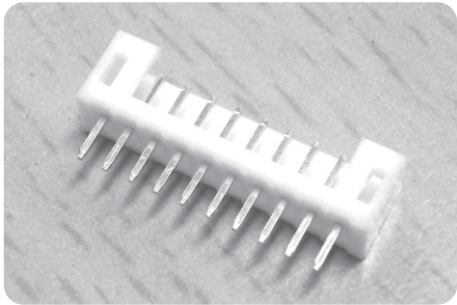
Hanlim Electronics Inc

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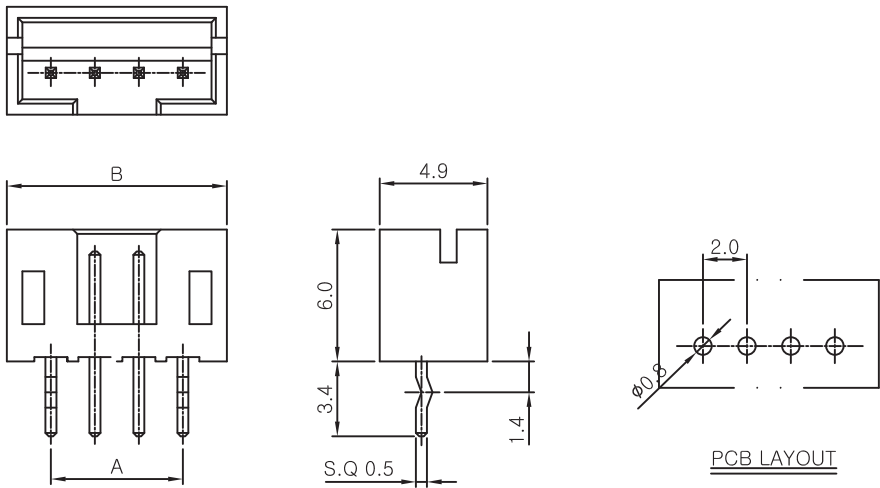
2.00mm Pitch Wire to Board SW 0500-N Lock Wafer

Features And Specifications

- Electrical**
- Voltage Rating : 125VAC max
 - Current Rating : 1A max
 - Contact Resistance : 30m Ω max
 - Insulation Resistance : 1,000M Ω min
 - Dielectric Withstanding Voltage : 500VAC for 60 seconds
- Physical**
- Housing : Nylon66 UL94V Grade
 - Pin : 0.5mm Square Brass, Tin Plated
 - Operating Temperature : -40°C ~ +105°C
- Reference Information**
- Mate With : CH0500-N Series
 - Packing : Bag
 - UL File No. : E92854
 - Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

CKT	MODEL NO.	A	B	CKT	MODEL NO.	A	B
2	SW0500-02	2.0	6.0	9	SW0500-09	16.0	20.0
3	SW0500-03	4.0	8.0	10	SW0500-10	18.0	22.0
4	SW0500-04	6.0	10.0	11	SW0500-11	20.0	24.0
5	SW0500-05	8.0	12.0	12	SW0500-12	22.0	26.0
6	SW0500-06	10.0	14.0	13	SW0500-13	24.0	28.0
7	SW0500-07	12.0	16.0	14	SW0500-14	26.0	30.0
8	SW0500-08	14.0	18.0	15	SW0500-15	28.0	32.0

2.00mm Pitch Wire to Board

AW 0500-N Lock Angle Wafer

Features And Specifications

Electrical

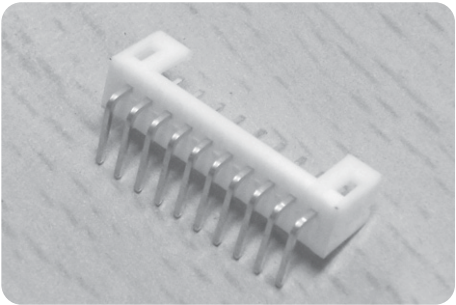
- Voltage Rating : 125VAC max
- Current Rating : 1A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 1,000M Ω min
- Dielectric Withstanding Voltage : 500VAC for 60 seconds

Physical

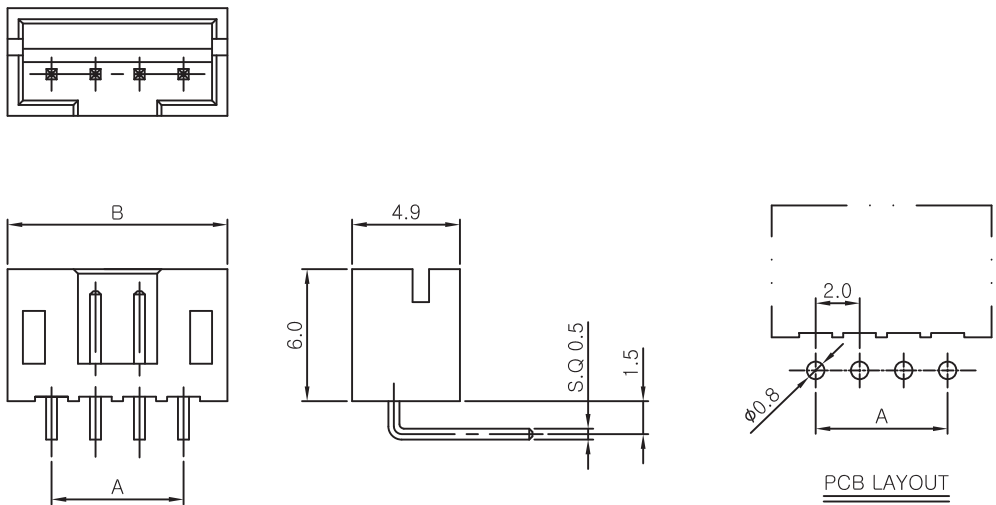
- Housing : Nylon66 UL94V Grade
- Pin : 0.5mm Square Brass, Tin Plated
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Mate With : CH0500-N Series
- Packing : Bag
- UL File No. : E92854
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

CKT	MODEL NO.	A	B	CKT	MODEL NO.	A	B
2	AW0500-02	2.0	6.0	9	AW0500-09	16.0	20.0
3	AW0500-03	4.0	8.0	10	AW0500-10	18.0	22.0
4	AW0500-04	6.0	10.0	11	AW0500-11	20.0	24.0
5	AW0500-05	8.0	12.0	12	AW0500-12	22.0	26.0
6	AW0500-06	10.0	14.0	13	AW0500-13	24.0	28.0
7	AW0500-07	12.0	16.0	14	AW0500-14	26.0	30.0
8	AW0500-08	14.0	18.0	15	AW0500-15	28.0	32.0

2.00mm Pitch Wire to Board CH 0500-N Crimp Terminal Housing

Features And Specifications

Electrical

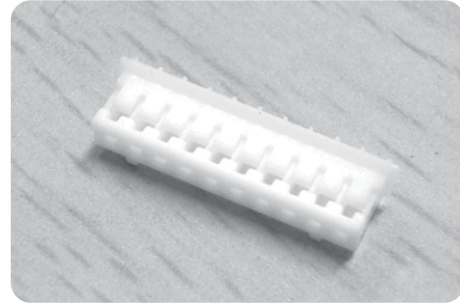
- Voltage Rating : 125VAC max
- Current Rating : 1A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 1,000M Ω min
- Dielectric Withstanding Voltage : 500VAC for 60 seconds

Physical

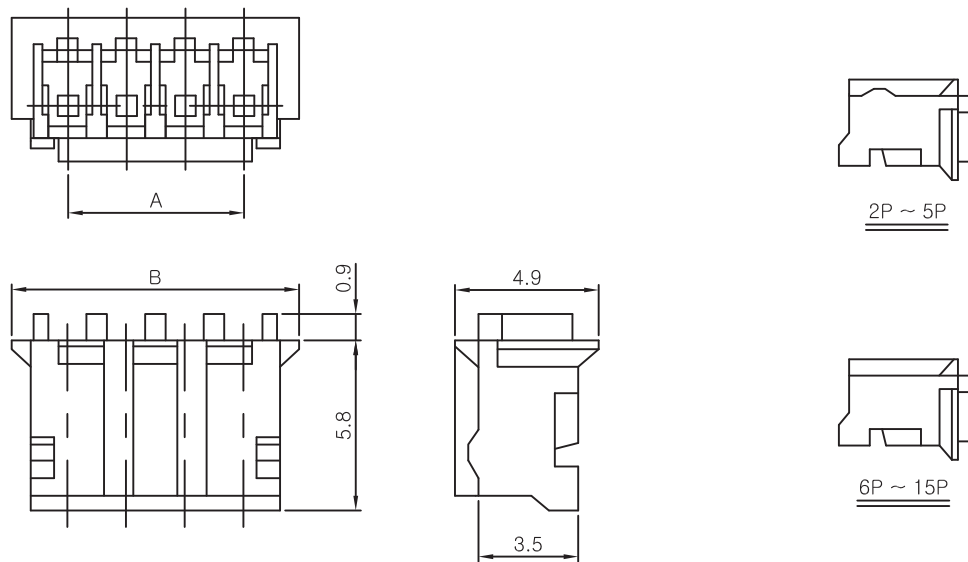
- Housing : Nylon66 UL94V Grade
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Mate With : SW0500-N, AW0500-N Series
- Use With : CT0500
- Packing : Bag
- UL File No. : E92854
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

CKT	MODEL NO.	A	B	CKT	MODEL NO.	A	B
2	CH0500-02	2.0	5.8	9	CH0500-09	16.0	19.8
3	CH0500-03	4.0	7.8	10	CH0500-10	18.0	21.8
4	CH0500-04	6.0	9.8	11	CH0500-11	20.0	23.8
5	CH0500-05L	8.0	11.8	12	CH0500-12	22.0	25.8
6	CH0500-06	10.0	13.8	13	CH0500-13	24.0	27.8
7	CH0500-07	12.0	15.8	14	CH0500-14	26.0	29.8
8	CH0500-08	14.0	17.8	15	CH0500-15	28.0	31.8

2.00mm Pitch Wire to Board CT 0500 Crimp Terminal

Features And Specifications

Electrical

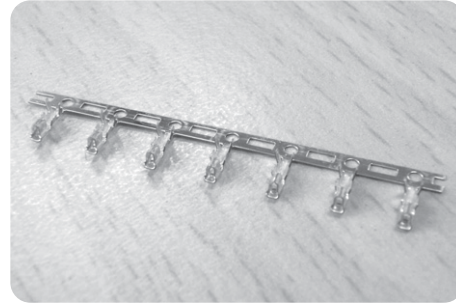
- Voltage Rating : 125VAC max
- Current Rating : 1A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 1,000M Ω min
- Dielectric Withstanding Voltage : 500VAC for 60 seconds

Physical

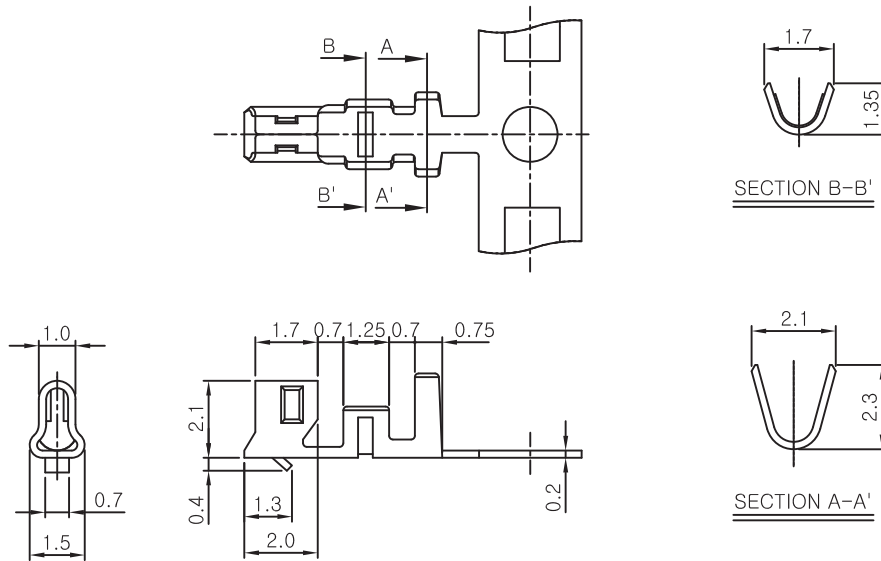
- Terminal : Phosphor Bronze Tin Plated
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Applicable Wire : AWG#22~#30
- Use With : CH0500-N Series
- Packing : Reel
- UL File No. : E92854
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

Order No.	Packing	Wire Gauge	Insulation Diameter	Contact Material
CT0500	10,000Pcs/Reel	AWG#22~#30	ϕ 1.7Max	Phosphor Bronze Tin Plated
	Loose			

2.00mm Pitch Board In BH 0500-N Crimp Terminal Housing

Features And Specifications

Electrical

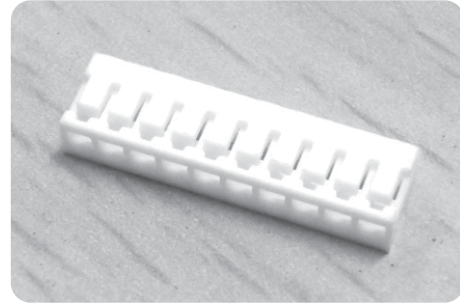
- Voltage Rating : 125VAC max
- Current Rating : 1A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 1,000M Ω min
- Dielectric Withstanding Voltage : 500VAC for 60 seconds

Physical

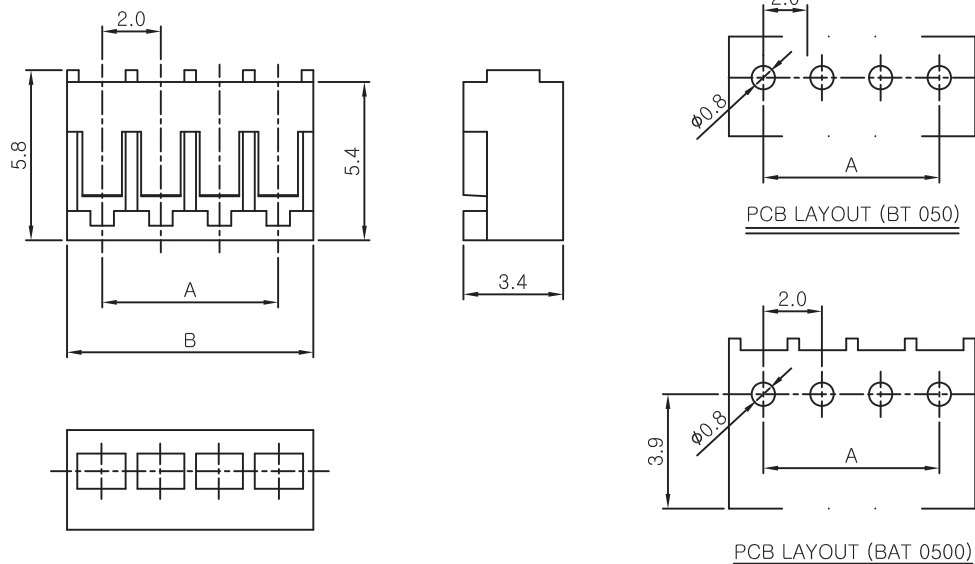
- Housing : Nylon66 UL94V Grade
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Use With : BT0500, BAT0500
- Packing : Bag
- UL File No. : E92854
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

CKT	MODEL NO.	A	B	CKT	MODEL NO.	A	B
2	BH0500-02	4.4	2.0	9	BH0500-09	18.4	16.0
3	BH0500-03	6.4	4.0	10	BH0500-10	20.4	18.0
4	BH0500-04	8.4	6.0	11	BH0500-11	22.4	20.0
5	BH0500-05	10.4	8.0	12	BH0500-12	24.4	22.0
6	BH0500-06	12.4	10.0	13	BH0500-13	26.4	24.0
7	BH0500-07	14.4	12.0	14	BH0500-14	28.4	26.0
8	BH0500-08	16.4	14.0	15	BH0500-15	30.4	28.0

2.00mm Pitch Board In BT 0500 Crimp Terminal (Straight)

Features And Specifications

Electrical

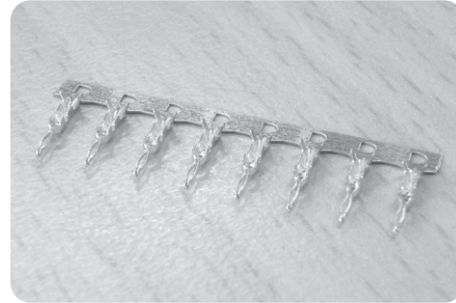
- Voltage Rating : 125VAC max
- Current Rating : 1A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 1,000M Ω min
- Dielectric Withstanding Voltage : 500VAC for 60 seconds

Physical

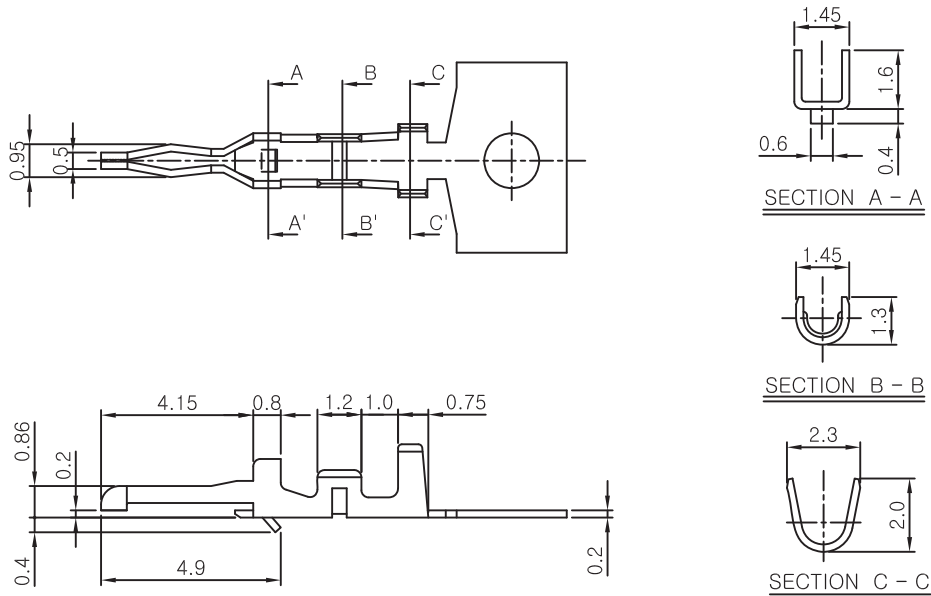
- Terminal : Brass, Tin Plated
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Applicable Wire : AWG#22~#30
- Use With : BH0500-N Series
- Packing : Reel
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

Order No.	Packing	Wire Gauge	Insulation Diameter	Contact Material
BT0500	16,000Pcs/Reel	AWG#22~#30	ϕ 1.7Max	Tin Plated Brass
	Loose			

2.00mm Pitch Board In BAT 0500 Crimp Terminal (Angle)

Features And Specifications

Electrical

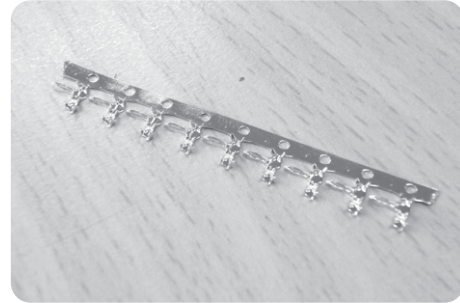
- Voltage Rating : 125VAC max
- Current Rating : 1A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 1,000M Ω min
- Dielectric Withstanding Voltage : 500VAC for 60 seconds

Physical

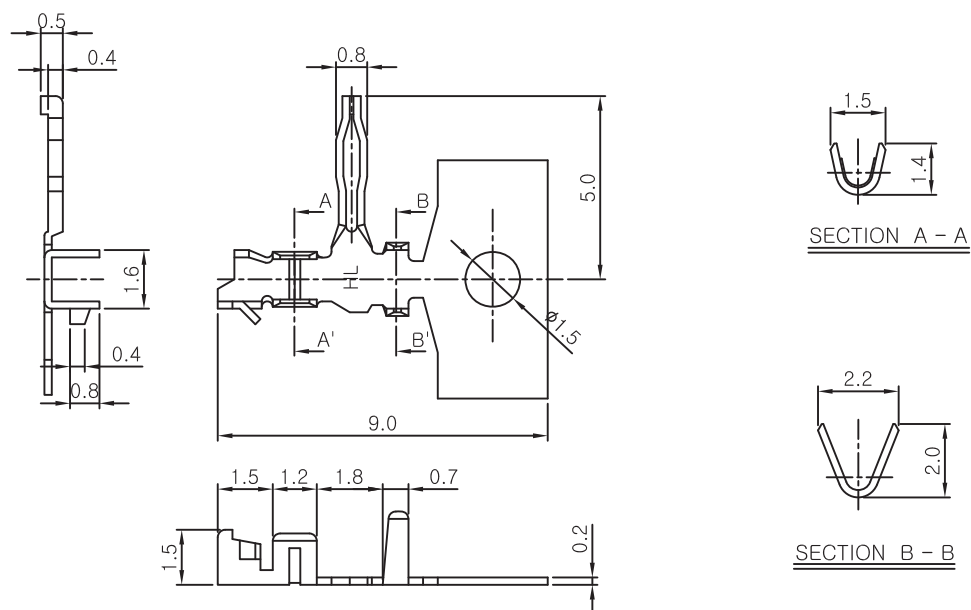
- Terminal : Brass, Tin Plated
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Applicable Wire : AWG#22~#30
- Use With : BH0500-N Series
- Packing : Reel
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

Order No.	Packing	Wire Gauge	Insulation Diameter	Contact Material
BAT0500	15,000Pcs/Reel	AWG#22~#30	ϕ 1.7Max	Tin Plated Brass
	Loose			