

Wafer | Housing | Terminal Series

1.00, 1.25mm Pitch FPC Connector Series



HCT -84-



CH6A3-04 -85-



CT6A3 -86-



NG515 -87-



HL-W400-N -88-



HL-W1200-N -89-

1.8mm Hole Board In HCT Terminal (Common)

Features And Specifications

It is time consuming to directly solder the many wires
That are required on densely packed printed circuit boards.

Electrical

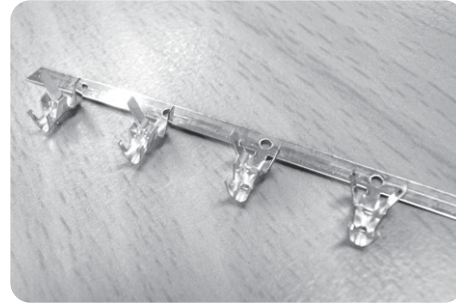
- Voltage Rating : 250VAC max
- Current Rating : 3A max
- Contact Resistance : 1,000M Ω min
- Dielectric Withstanding Voltage : 500VAC for 60 seconds

Physical

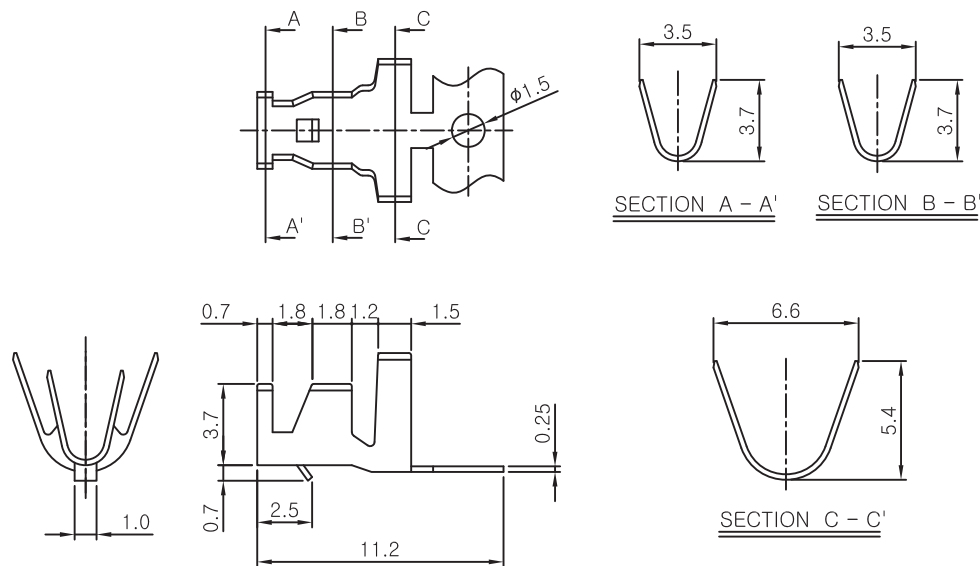
- Terminal : Brass, Tin Plated
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Applicable Wire : AWG#18~#22
- Packing : Reel
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

Order No.	Packing	Wire Gauge	Contact Material
HCT	3,000Pcs/Reel	AWG#18~#22	Brass , Tin Plated
	Loose		

6.5x7.4mm Board Connector

CH 6A3-04 Board - In Connector

Features And Specifications

Electrical

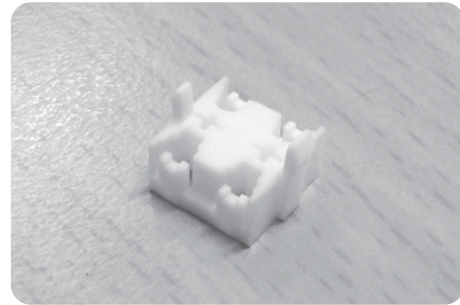
- Voltage Rating : 250VAC max
- Current Rating : 7A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 1,000M Ω min
- Dielectric Withstanding Voltage : 5,00VAC for 60 seconds

Physical

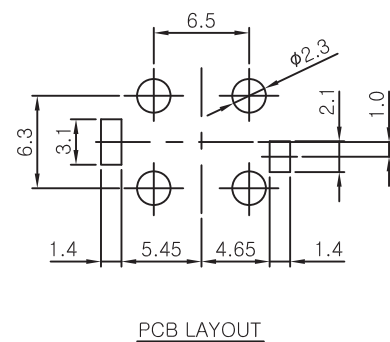
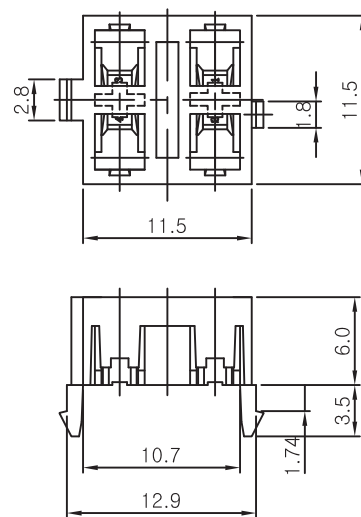
- Housing : UL94V Nylon resin
- Terminal : Brass , Tin Plated
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Use With : CT6A3
- Packing : Bag
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

Order No.	Packing	Wire Gauge	Contact Material
CH6A3-04	Bag	Φ 2.3	

6.5x7.4mm Board Connector

CT6A3 Board - In Connector

Features And Specifications

Electrical

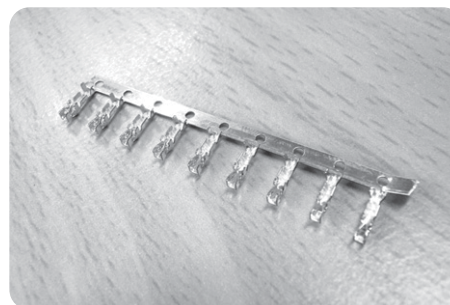
- Voltage Rating : 250VAC max
- Current Rating : 7A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 1,000M Ω min
- Dielectric Withstanding Voltage : 5,00VAC for 60 seconds

Physical

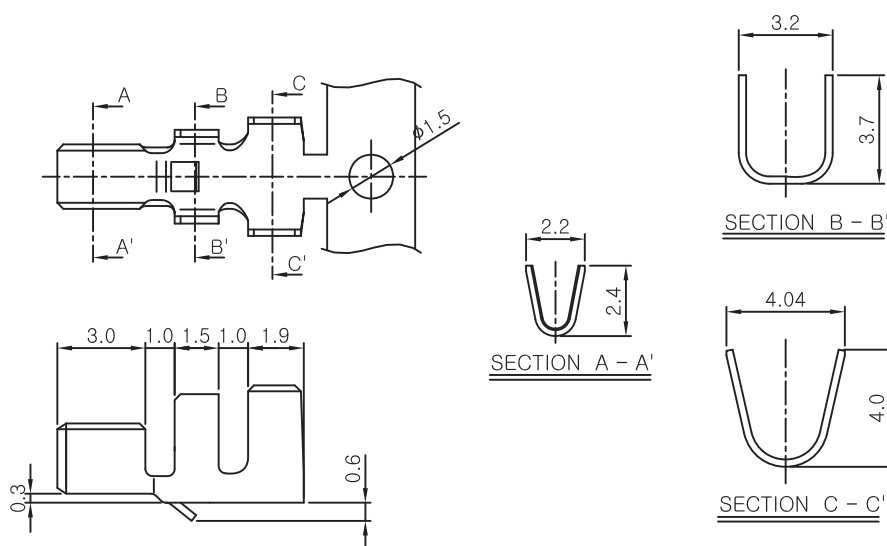
- Housing : UL94V Nylon resin
- Terminal : Brass , Tin Plated
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Applicable Wire : AWG#14~#20
- Use With : CH 6A3-04
- Packing : Reel
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

Order No.	Packing	P.C.B Hole	Contact Material
CT6A3	Reel		Brass , Tin Plated

Fixing Holder P.C.B Hole $\Phi 1.9$

NG 515 Fixing Holder for Electronic Assembly

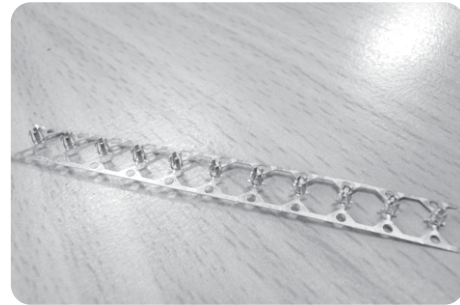
Features And Specifications

Physical

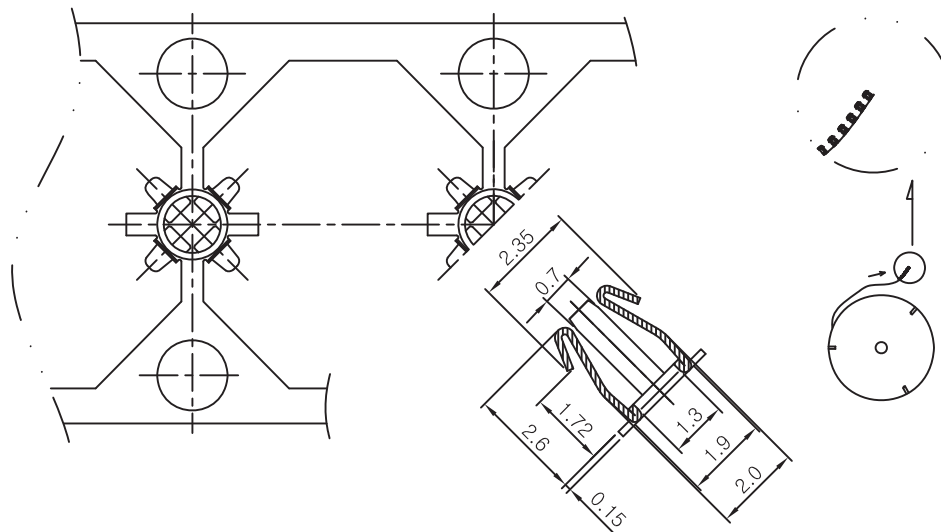
- Contact : Brass, Tin Plated
- Ambient Temperature Range : 250°C~270°C°±5°C / 10sec

Reference Information

- Applicable P.C.B Hole : $\Phi 1.9$
- Packing : 5Roll / Box (10,000EA/Roll) = 50,000EA/ Box
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

Order No.	Packing	Wire Gauge	Contact Material
NG515	5Roll/Box	$\Phi 1.9$	Brass , Tin Plated

1.0mm Pitch FPC Connector

HL-W0400-N FPC Connector

Features And Specifications

Electrical

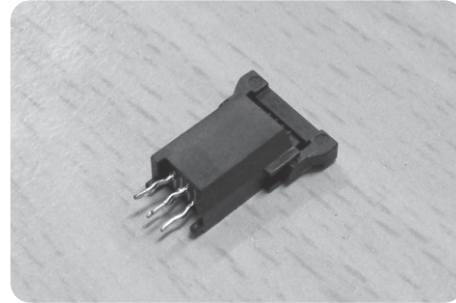
- Voltage Rating : 200V AC max
- Current Rating : 1A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 500M Ω min
- Dielectric Withstanding Voltage : 500VAC for 60 seconds

Physical

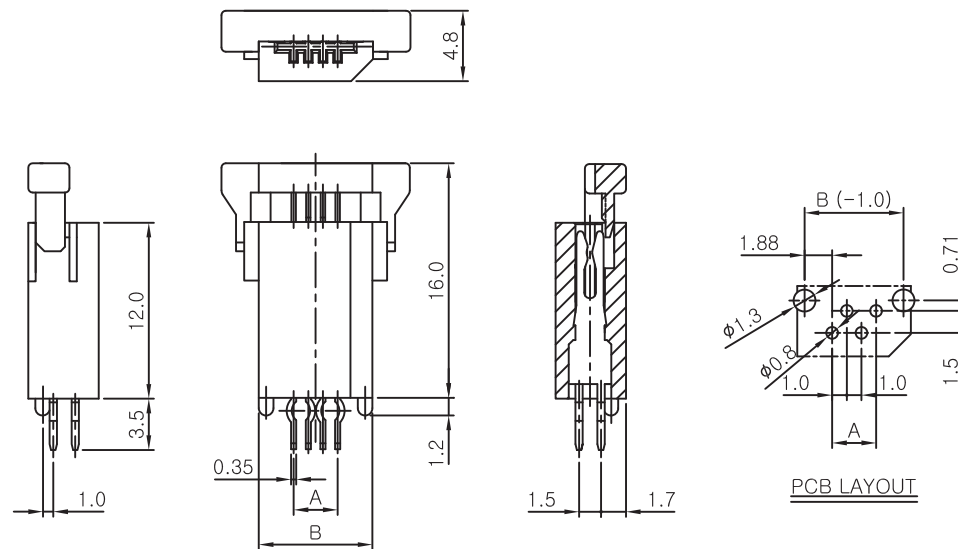
- Housing : Thermoplastic Polyester, Glass-Filled UL94V-0
- Contact : Phosphor Bronze Gold Plated
- Cover : Thermoplastic Polyester, Glass-Filled UL94V-0
- Operating Temperature : -45°C ~ +105°C

Reference Information

- Packing : Tray
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

CKT	MODEL NO.	A	B	C	CKT	MODEL NO.	A	B	C
4	HL-W0400-04	3.00	7.75	12.80	10	HL-W0400-10	9.00	13.75	18.80
5	HL-W0400-05	4.00	8.75	13.80	11	HL-W0400-11	10.00	14.75	19.80
6	HL-W0400-06	5.00	9.75	14.80	12	HL-W0400-12	11.00	15.75	20.80
7	HL-W0400-07	6.00	10.75	15.80	13	HL-W0400-13	12.00	16.75	21.80
8	HL-W0400-08	7.00	11.75	16.80	14	HL-W0400-14	13.00	17.75	22.80
9	HL-W0400-09	8.00	12.75	17.80	15	HL-W0400-15	14.00	18.75	23.80

1.25mm Pitch FPC Connector

HL-W1200-N FPC Connector

Features And Specifications

Electrical

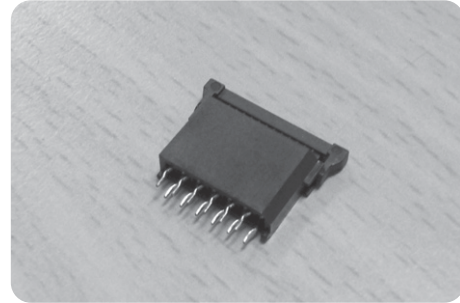
- Voltage Rating : 200V AC max
- Current Rating : 1A max
- Contact Resistance : 30m Ω max
- Insulation Resistance : 500M Ω min
- Dielectric Withstanding Voltage : 500VAC for 60 seconds

Physical

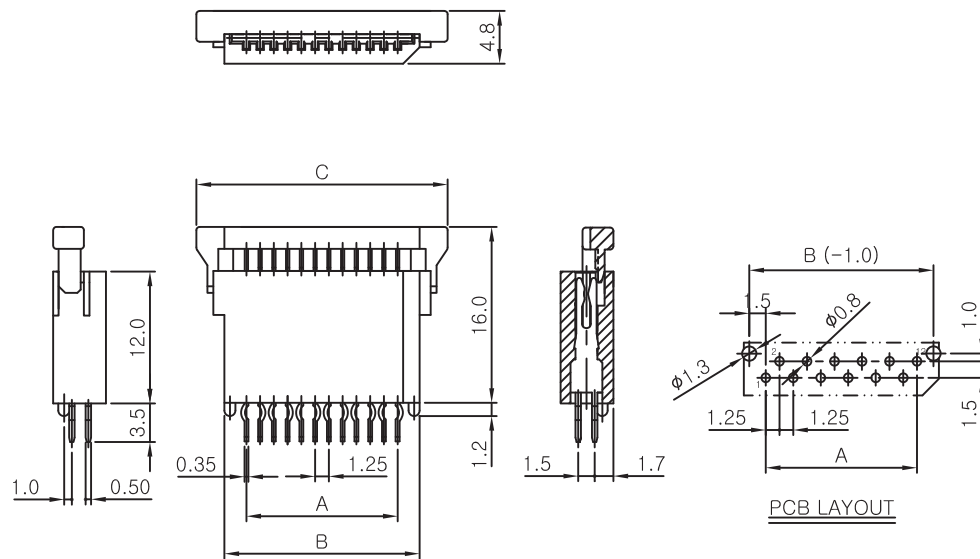
- Housing : Thermoplastic Polyester, Glass-Filled UL94V-0
- Contact : Phosphor Bronze Gold Plated
- Cover : Thermoplastic Polyester, Glass-Filled UL94V-0
- Operating Temperature : -40°C ~ +105°C

Reference Information

- Packing : Tray
- Designed In : Millimeters



Dimensions (For Reference Only)



Ordering Information And Dimensions

CKT	MODEL NO.	A	B	C	CKT	MODEL NO.	A	B	C
4	HL-W1200-04	3.75	7.75	12.80	10	HL-W1200-10	11.25	15.25	20.30
5	HL-W1200-05	5.00	9.00	14.05	11	HL-W1200-11	12.50	16.50	21.55
6	HL-W1200-06	6.25	10.25	15.30	12	HL-W1200-12	13.75	17.75	22.80
7	HL-W1200-07	7.50	11.50	16.55	13	HL-W1200-13	15.00	19.00	24.05
8	HL-W1200-08	8.75	12.75	17.80	14	HL-W1200-14	16.25	20.25	25.30
9	HL-W1200-09	10.00	14.00	19.05	15	HL-W1200-15	17.50	21.50	26.55