

C9510 Series 2.0mm Box Header (H:5.6mm)



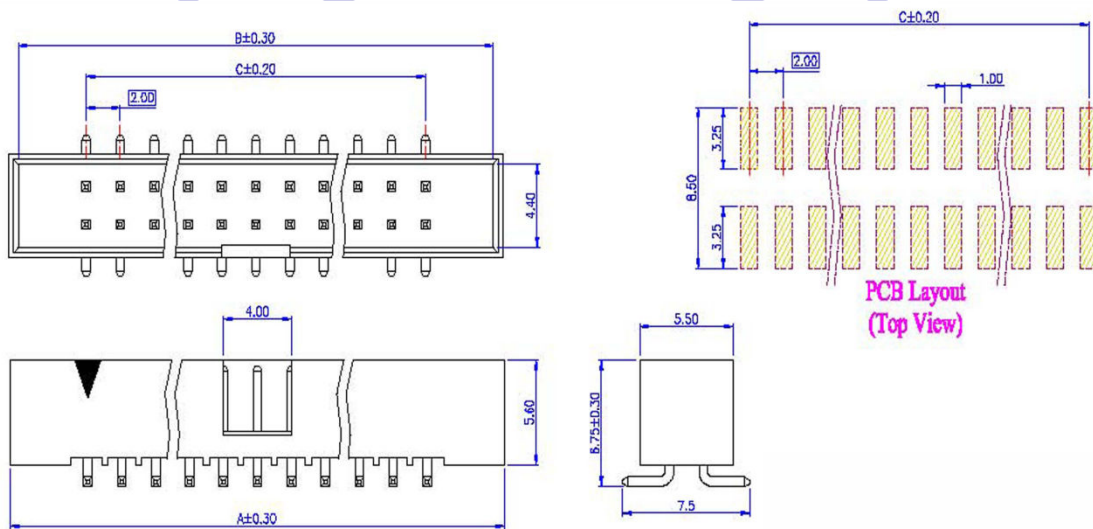
C	9510	—	10	S	N	G	B	0	0
1	2		3	4	5	6	7	8	9

- | | | | |
|---|---|--|---|
| <p>1. PRODUCTS:
C: Connector</p> <p>2. SERIES NO.:
9510</p> <p>3. CONTACT NO.:
06-68</p> <p>4. CONTACT TYPE:
S: Straight
R: Right Angle
D: S.M.T.</p> | <p>5. BODY MATERIAL:
N: Nylon 6T</p> <p>6. CONTACT PLATING:
T: Tin
S: Selective Gold
G: Gold Flash
A: Gold 5U"
B: Gold 10U"
C: Gold 15U"
D: Gold 30U"</p> | <p>7. INSULATOR COLOR:
B: Black
G: Grey</p> | <p>8. OTHERS:
O: No Option
T: Tube Packing
R: Reel Packing
P: PAD+Tube Packing
Q: PAD+Reel Packing
E: PAD+Tray Packing</p> <p>9. FILL IT WITH "0"</p> |
|---|---|--|---|

1

C9510-XXDNGB00R

9510-22PDG1-1 BOX HEADER 2.0mm X 2.0mm XXP SMT TYPE



PCB Layout
(Top View)

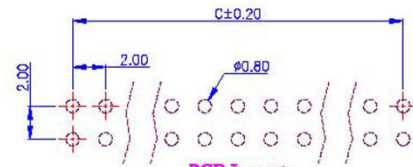
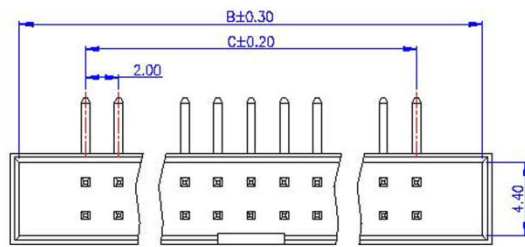
Pos.	Dimension			Pos.	Dimension		
	A	B	C		A	B	C
06	13.20	12.10	4.00	28	35.20	34.10	26.00
08	15.20	14.10	6.00	30	37.20	36.10	28.00
10	17.20	16.10	8.00	32	39.20	38.10	30.00
12	19.20	18.10	10.00	34	41.20	40.10	32.00
14	21.20	20.10	12.00	36	43.20	42.10	34.00
16	23.20	22.10	14.00	40	47.20	46.10	38.00
18	25.20	24.10	16.00	44	51.20	50.10	42.00
20	27.20	26.10	18.00	50	57.20	56.10	48.00
22	29.20	28.10	20.00	60	67.20	66.10	58.00
24	31.20	30.10	22.00	64	71.20	70.10	62.00
26	33.20	32.10	24.00	68	75.20	74.10	66.00

Material and Finish	Electrical Characteristics	Mechanical Characteristics
1. Body: Thermoplastic (PPA, PA, PBT) 2. Terminal: 100% Copper (Cu), Gold Plating	1. Contact Angle: 2 deg. Max. 2. Contact Resistance: 10mΩ Max. 3. Insulation Resistance: 1000 MΩ Min. at 50V DC	1. Operating Temperature: -55°C ~ 125°C

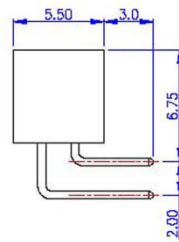
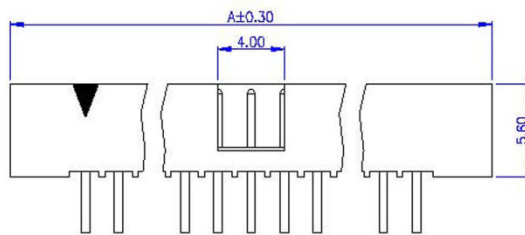
ELECTRONIC COMPONENTS

2

C9510-XXRNXB00R BOX HEADER 2.0mm X 2.0mm XXP 90° TYPE



PCB Layout
(Top View)



Dimension			
Pin	A	B	C
06	13.20	12.10	4.00
08	15.20	14.10	6.00
10	17.20	16.10	8.00
12	19.20	18.10	10.00
14	21.20	20.10	12.00
16	23.20	22.10	14.00
18	25.20	24.10	16.00
20	27.20	26.10	18.00
22	29.20	28.10	20.00
24	31.20	30.10	22.00
26	33.20	32.10	24.00

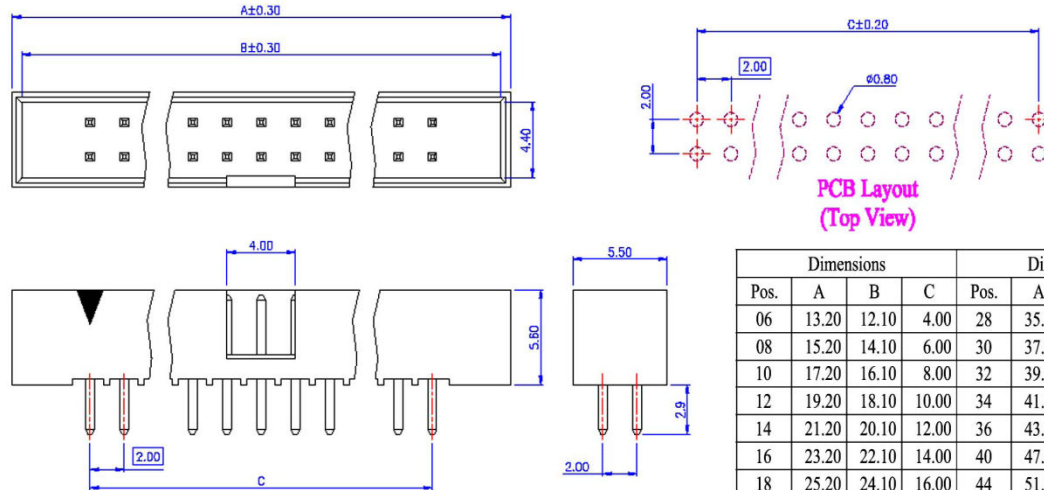
Dimension			
Pin	A	B	C
28	35.20	34.10	26.00
30	37.20	36.10	28.00
32	39.20	38.10	30.00
34	41.20	40.10	32.00
36	43.20	42.10	34.00
40	47.20	46.10	38.00
44	51.20	50.10	42.00
50	57.20	56.10	48.00
60	67.20	66.10	58.00
64	71.20	70.10	62.00
68	75.20	74.10	66.00

Material and Finish	Electrical Characteristics	Mechanical Characteristics
<ol style="list-style-type: none"> 1. Housing: Thermoplastic (UL94V-0), Black. 2. Plating: 10µm Thick. 3. Plating: 0.5µm Thick. 	<ol style="list-style-type: none"> 1. Current Rating: 1.0 Amp. Max. 2. Dielectric Withstand Voltage: 50V AC 250V for 60Seconds. 3. Insulation Resistance: 100M Ohm Min. at 50V DC. 	<ol style="list-style-type: none"> 1. Operating Temperature: -55°C ~ +125°C

ELECTRONIC
COMPONENTS

3

C9510-XXSNGB00R BOX HEADER 2.0mm X 2.0mm XXP 180° TYPE



Dimensions				Dimensions			
Pos.	A	B	C	Pos.	A	B	C
06	13.20	12.10	4.00	28	35.20	34.10	26.00
08	15.20	14.10	6.00	30	37.20	36.10	28.00
10	17.20	16.10	8.00	32	39.20	38.10	30.00
12	19.20	18.10	10.00	34	41.20	40.10	32.00
14	21.20	20.10	12.00	36	43.20	42.10	34.00
16	23.20	22.10	14.00	40	47.20	46.10	38.00
18	25.20	24.10	16.00	44	51.20	50.10	42.00
20	27.20	26.10	18.00	50	57.20	56.10	48.00
22	29.20	28.10	20.00	60	67.20	66.10	58.00
24	31.20	30.10	22.00	64	71.20	70.10	62.00
26	33.20	32.10	24.00	68	75.20	74.10	66.00

Material and Finish	Electrical Characteristics	Mechanical Characteristics
1. Housing: Thermoplastic (UL94V-0), Black. 2. Terminal: Sq 0.50mm Copper Alloy, Gold Plating	1. Current Rating: 1.0 Amp. Max. 2. Dielectric Withstand Voltage: 800V AC RMS for 60Seconds. 3. Insulation Resistance: 1000M Ohms Min. at 500V DC.	1. Operating Temperature: -55°C ~ +105°C

ELECTRONIC
COMPONENTS