

Specifications

Current Rating: 0.8A~2A AC,DC(Per Pin)

Voltage Rating: 250V AC,DC(Per Pin)

Temperature Range: -25°C ~ +85°C

Contact Resistance: 10mΩ Max.

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: 800V AC/minute

A

B

C

F

Ordering Code

① ② ③ ④
A2009-X X X

- ① Series No.
- ② Plating Code: T=Tin-Plated
- ③ Material: P=Phosphor Bronze
- ④ E=Stamping Before Plating

① ② ③
A2009 X-2XNP

- ① Series No.
- ② Housing Type: H=Housing
- ③ No. of Circuits



A2009 SERIES

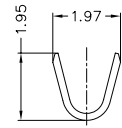
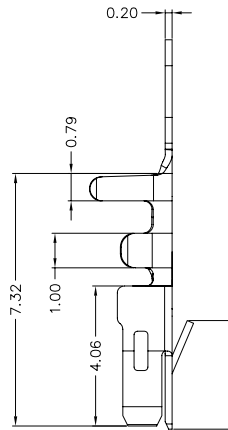
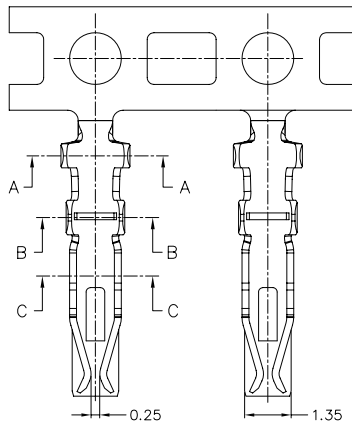
2.00mm Pitch Wire to Board Connector

A2009-XXX

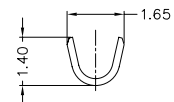
2.00mm Pitch Crimp Terminal

Reference Information:

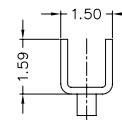
*Used in A2009 Series Dual Row Housing



SEC: A-A



SEC: B-B



SEC: C-C

Assembly Layout

Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2009-TPE	AWG#22-#28	1.30mm(max)	Phosphor Bronze	Tin-Plated	10,000Pcs

Note:E-Stamping Before Plating

A2009H-2

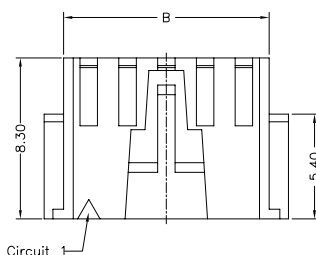
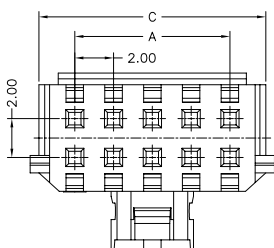
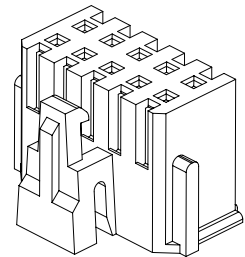
2.00mm Pitch Dual Row Housing

Reference Information:

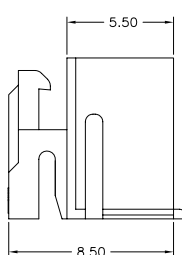
*Material: Thermoplastic

*Suitable A2009 Series Terminal

A2009H-2XNP	X	X	X	XX	X	XX	X
	①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not						
②	Material						
③	Color						
④	Plating Code for Contacts						
⑤	Plating Code						
⑥	Option Code						
⑦	Packing Code						



Circuit 1



Dimensions:

Circuit No.	Dimensions			Circuit No.	Dimensions		
	A	B	C		A	B	C
2X02	2.00	4.60	5.70	2X12	22.00	24.60	25.70
2X03	4.00	6.60	7.70	2X13	24.00	26.60	27.70
2X04	6.00	8.60	9.70	2X14	26.00	28.60	29.70
2X05	8.00	10.60	11.70	2X15	28.00	30.60	31.70
2X06	10.00	12.60	13.70	2X16	30.00	32.60	33.70
2X07	12.00	14.60	15.70	2X17	32.00	34.60	35.70
2X08	14.00	16.60	17.70	2X18	34.00	36.60	37.70
2X09	16.00	18.60	19.70	2X19	36.00	38.60	39.70
2X10	18.00	20.60	21.70	2X20	38.00	40.60	41.70
2X11	20.00	22.60	23.70				

Unit:mm