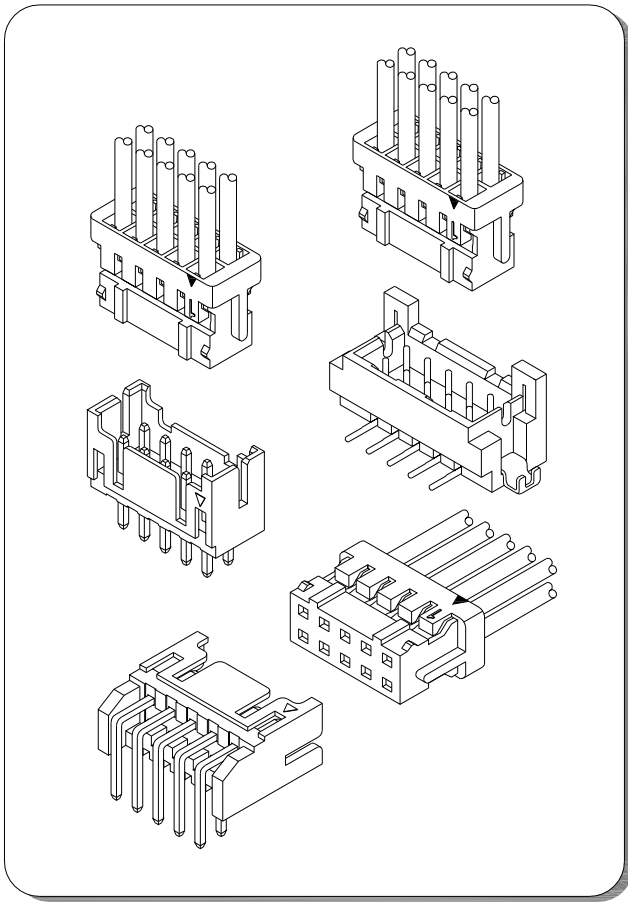


A2009 SERIES

2.00mm pitch wire to board connector



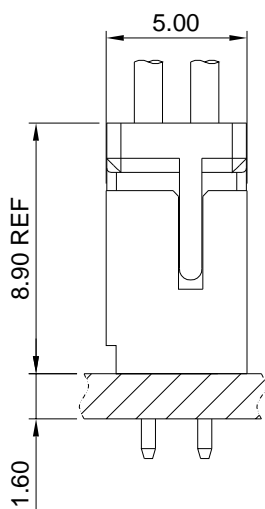
Specifications

- Current rating: 2A AC, DC
- Voltage rating: 250V AC, DC
- Temperature range: -40°C ~ +105°C
- Contact resistance: 30mΩ Max.
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 800V AC/minute
- *Compliant with RoHS and REACH*
- *Meet the HF/Halogen Free, need to customize*
- *Contact for details*

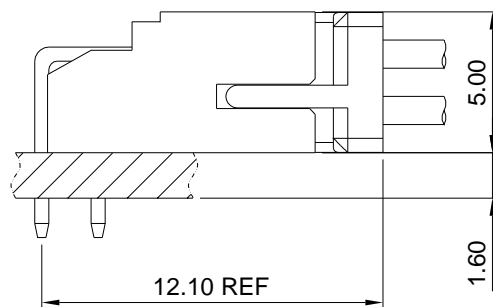
Standards



Assembly layout



DIP TYPE



SMT TYPE

A2009 SERIES

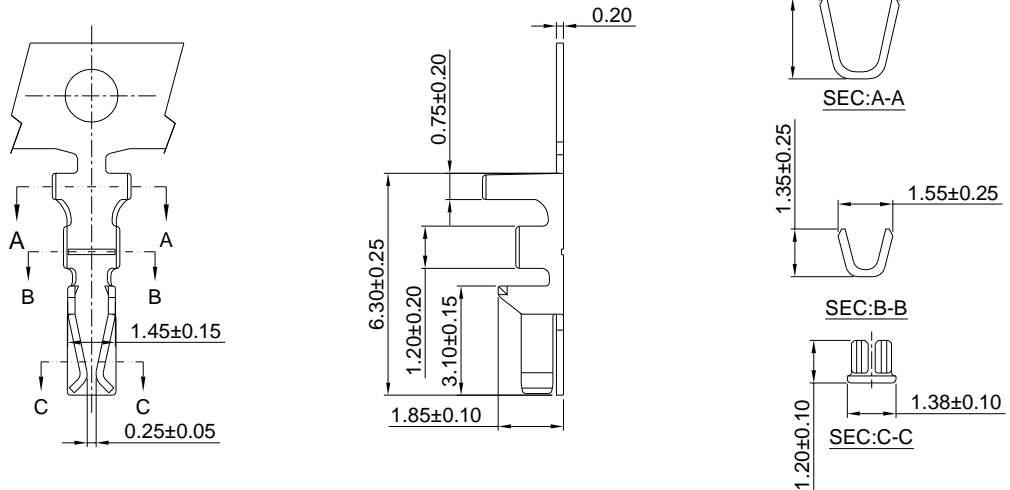
2.00mm pitch wire to board connector

A2009-T

2.00mm pitch Crimp Terminal

Reference Informations:

*Used in A2009 series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2009-TP	AWG#22-#30	1.45mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
A2009-GP	AWG#22-#30	1.45mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested

A2009H-2

2.00mm pitch Dual Row Housing

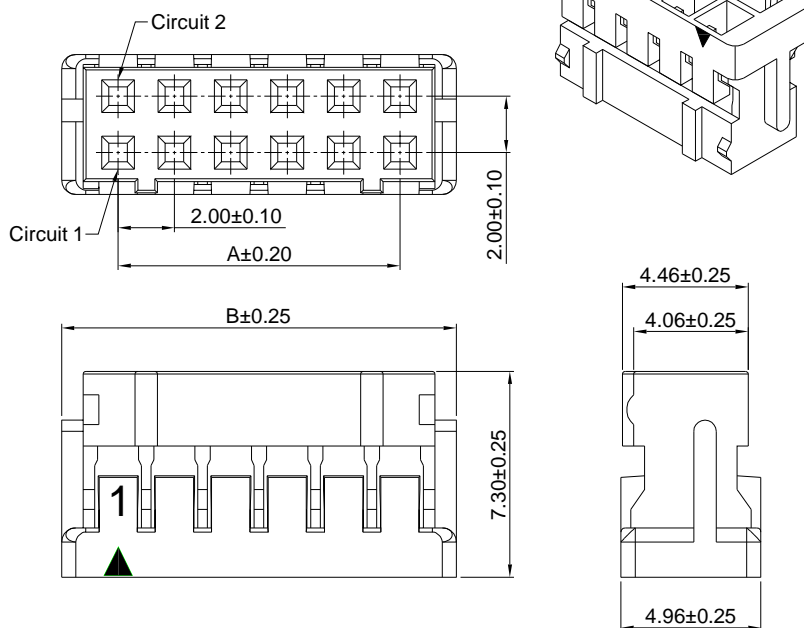
Reference Informations:

*Material:Nylon 66,UL94V-0

*Suitable A2009 series Terminal

*Mates with A2009 series Dual Row Wafer

*Color:Black



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2009H-2x2P	2.00	6.00
A2009H-2x3P	4.00	8.00
A2009H-2x4P	6.00	10.00
A2009H-2x5P	8.00	12.00
A2009H-2x6P	10.00	14.00
A2009H-2x7P	12.00	16.00
A2009H-2x8P	14.00	18.00
A2009H-2x9P	16.00	20.00
A2009H-2x10P	18.00	22.00
A2009H-2x11P	20.00	24.00
A2009H-2x12P	22.00	26.00
A2009H-2x13P	24.00	28.00
A2009H-2x14P	26.00	30.00
A2009H-2x15P	28.00	32.00
A2009H-2x16P	30.00	34.00
A2009H-2x17P	32.00	36.00
A2009H-2x18P	34.00	38.00
A2009H-2x19P	36.00	40.00
A2009H-2x20P	38.00	42.00

Unit: mm

A2009 SERIES

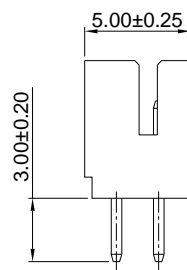
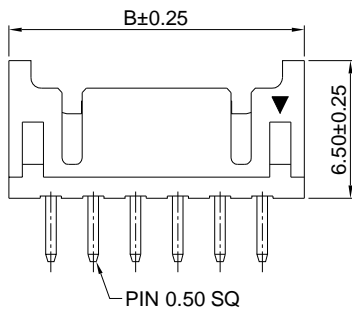
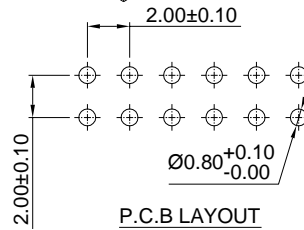
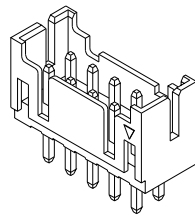
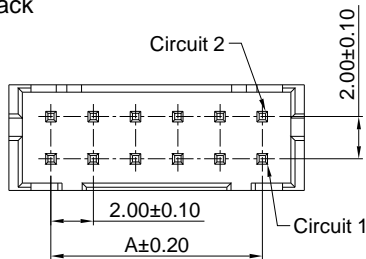
2.00mm pitch wire to board connector

A2009WV-2

2.00mm pitch 180° Dual Row Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with A2009 series Housing
- *Color:Black



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2009WV-2x2P	2.00	6.00
A2009WV-2x3P	4.00	8.00
A2009WV-2x4P	6.00	10.00
A2009WV-2x5P	8.00	12.00
A2009WV-2x6P	10.00	14.00
A2009WV-2x7P	12.00	16.00
A2009WV-2x8P	14.00	18.00
A2009WV-2x9P	16.00	20.00
A2009WV-2x10P	18.00	22.00
A2009WV-2x11P	20.00	24.00
A2009WV-2x12P	22.00	26.00
A2009WV-2x13P	24.00	28.00
A2009WV-2x14P	26.00	30.00
A2009WV-2x15P	28.00	32.00
A2009WV-2x16P	30.00	34.00
A2009WV-2x17P	32.00	36.00
A2009WV-2x18P	34.00	38.00
A2009WV-2x19P	36.00	40.00
A2009WV-2x20P	38.00	42.00

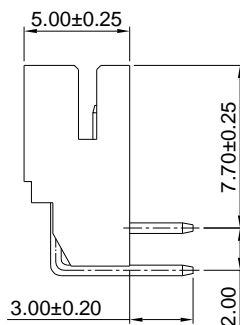
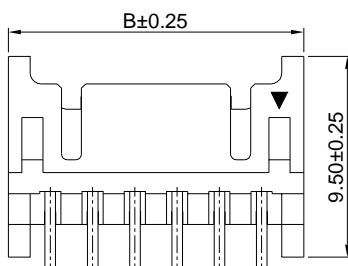
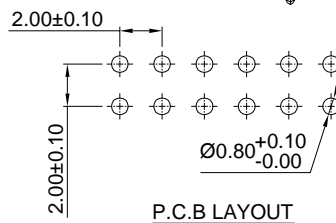
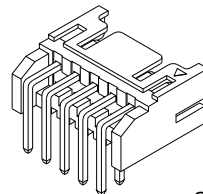
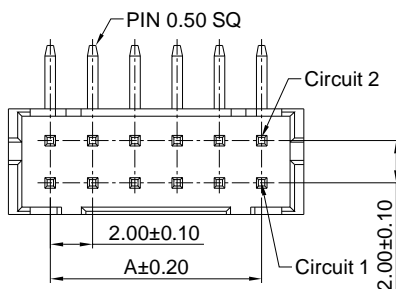
Unit: mm

A2009WR-2

2.00mm pitch 90° Dual Row Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Wafer:Nylon 66,UL94V-0
- *Mates with A2009 series dual row Housing
- *Color:Black



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2009WR-2x2P	2.00	6.00
A2009WR-2x3P	4.00	8.00
A2009WR-2x4P	6.00	10.00
A2009WR-2x5P	8.00	12.00
A2009WR-2x6P	10.00	14.00
A2009WR-2x7P	12.00	16.00
A2009WR-2x8P	14.00	18.00
A2009WR-2x9P	16.00	20.00
A2009WR-2x10P	18.00	22.00
A2009WR-2x11P	20.00	24.00
A2009WR-2x12P	22.00	26.00
A2009WR-2x13P	24.00	28.00
A2009WR-2x14P	26.00	30.00
A2009WR-2x15P	28.00	32.00
A2009WR-2x16P	30.00	34.00
A2009WR-2x17P	32.00	36.00
A2009WR-2x18P	34.00	38.00
A2009WR-2x19P	36.00	40.00
A2009WR-2x20P	38.00	42.00

Unit: mm

A2009 SERIES

2.00mm pitch wire to board connector

A2009WVA-S-F-2

2.00mm pitch 180° Dual Row Wafer With Boss-SMT TYPE

Reference Informations:

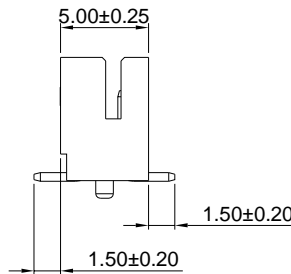
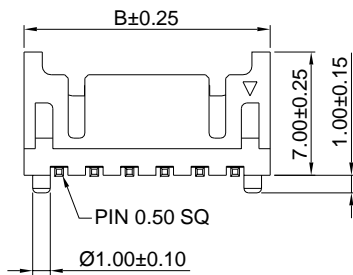
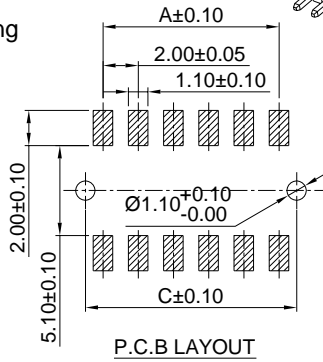
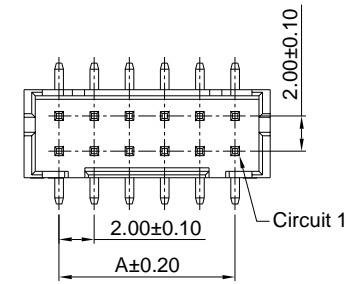
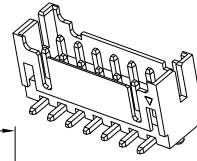
*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 6T,UL94V-0

Cap:Nylon 6T,UL94V-0

*Mates with A2009 series Dual Row Housing

*Color:Ivory



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A2009WVA-S-F-2x2P	2.00	6.00	4.00
A2009WVA-S-F-2x3P	4.00	8.00	6.00
A2009WVA-S-F-2x4P	6.00	10.00	8.00
A2009WVA-S-F-2x5P	8.00	12.00	10.00
A2009WVA-S-F-2x6P	10.00	14.00	12.00
A2009WVA-S-F-2x7P	12.00	16.00	14.00
A2009WVA-S-F-2x8P	14.00	18.00	16.00
A2009WVA-S-F-2x9P	16.00	20.00	18.00
A2009WVA-S-F-2x10P	18.00	22.00	20.00
A2009WVA-S-F-2x11P	20.00	24.00	22.00
A2009WVA-S-F-2x12P	22.00	26.00	24.00
A2009WVA-S-F-2x13P	24.00	28.00	26.00
A2009WVA-S-F-2x14P	26.00	30.00	28.00
A2009WVA-S-F-2x15P	28.00	32.00	30.00
A2009WVA-S-F-2x16P	30.00	34.00	32.00
A2009WVA-S-F-2x17P	32.00	36.00	34.00
A2009WVA-S-F-2x18P	34.00	38.00	36.00
A2009WVA-S-F-2x19P	36.00	40.00	38.00
A2009WVA-S-F-2x20P	38.00	42.00	40.00

Unit: mm