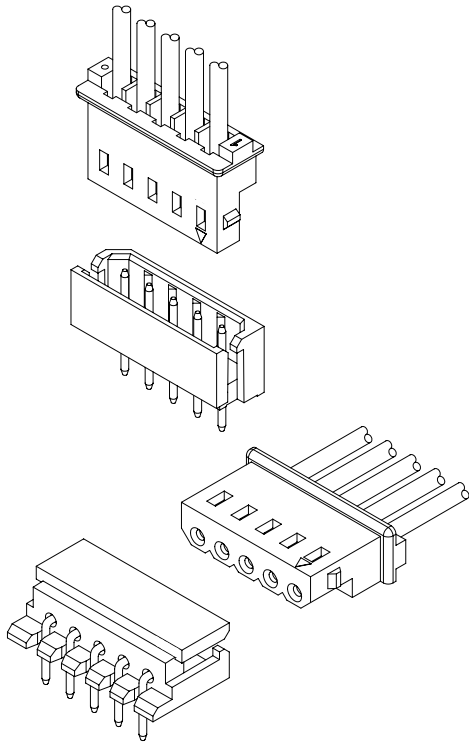




Specifications

Current Rating: 1.5A~3A AC,DC(Per Pin)

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

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20mΩ Max.

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: 1000V AC/minute

A

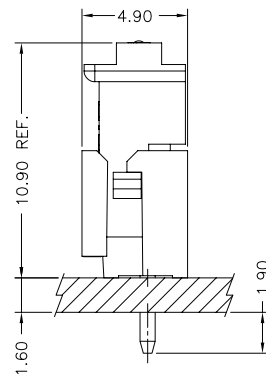
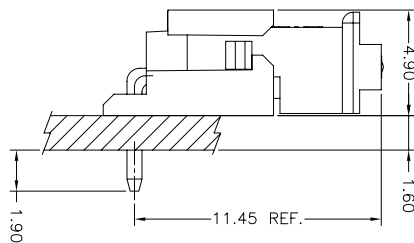
B

C

F

Standards

Assembly Layout



Ordering Code

① ② ③ ④
A2505 - 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
A2505 XX - XP

- ① Series No.
- ② Connector Type: WV=Vertical, WR=Right Angle
- ③ No. of Circuits

① ② ③
A2505 X - XP

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



A2505 SERIES

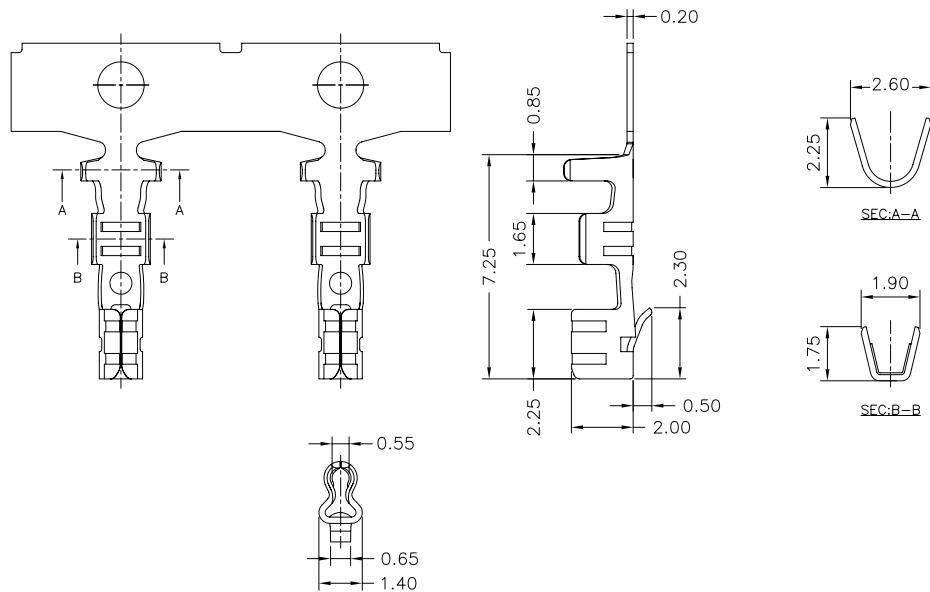
2.50mm Pitch Wire to Board Connector

A2505-XXX

2.50mm Pitch Crimp Terminal

Reference Information:

*Used in A2505 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2505-TPE	AWG#22-#28	1.90mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs

Note:E-Stamping Before Plating

A2505H

2.50mm Pitch Housing

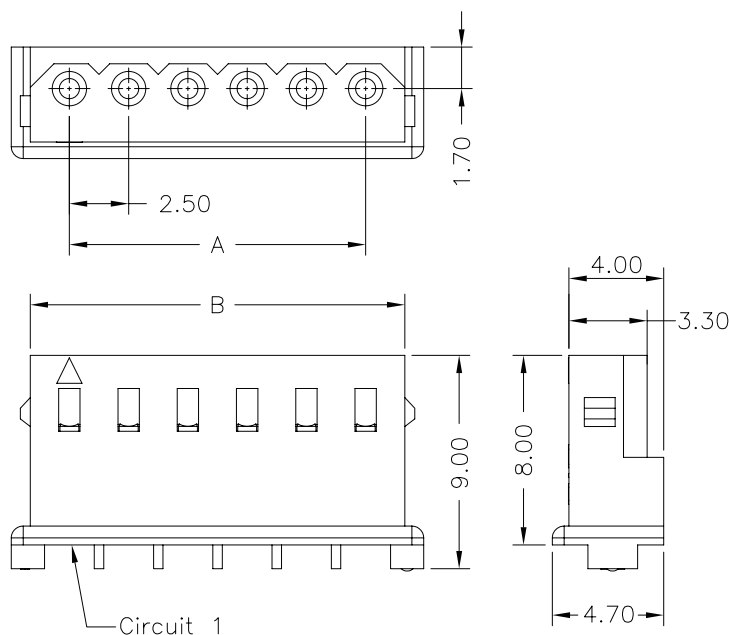
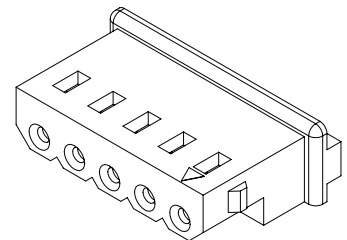
Reference Information:

*Material: Thermoplastic

*Suitable A2505 Series Terminal

*Mates with A2505 Series Wafer

A2505H-XP	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						



Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.50	5.80
03	5.00	8.30
04	7.50	10.80
05	10.00	13.30
06	12.50	15.80
07	15.00	18.30
08	17.50	20.80
09	20.00	23.30
10	22.50	25.80
11	25.00	28.30
12	27.50	30.80
13	30.00	33.30
14	32.50	35.80
15	35.00	38.30
16	37.50	40.80

Unit:mm



A2505 SERIES

2.50mm Pitch Wire to Board Connector

A2505WV

—2.50mm Pitch 180° Wafer—

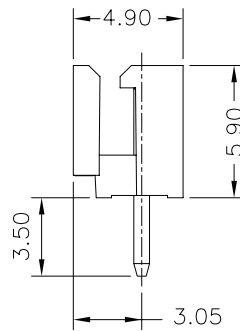
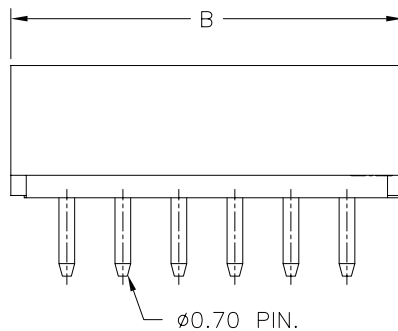
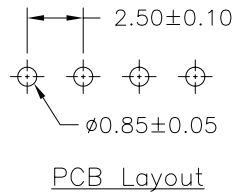
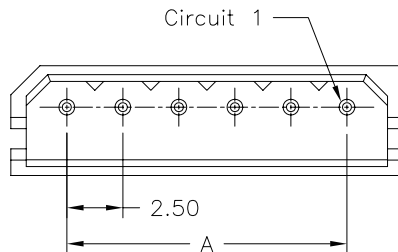
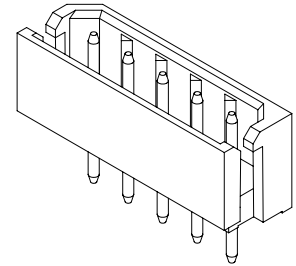
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2505 Series Housing

A2505WV-XP	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						



Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50

Unit:mm

A2505WR

—2.50mm Pitch 90° Wafer—

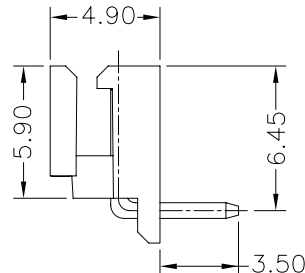
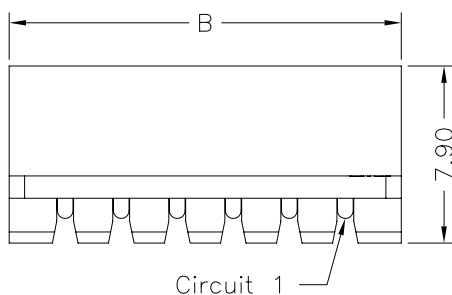
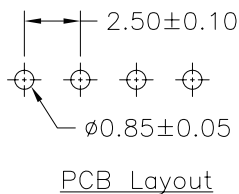
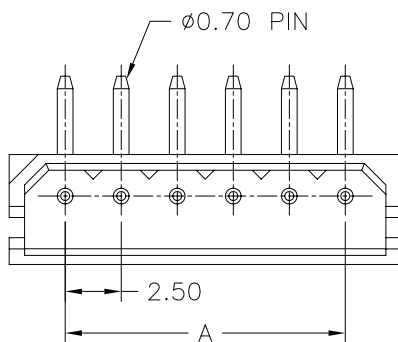
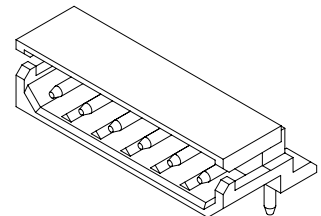
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2505 Series Housing

A2505WR-XP	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						



Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50

Unit:mm