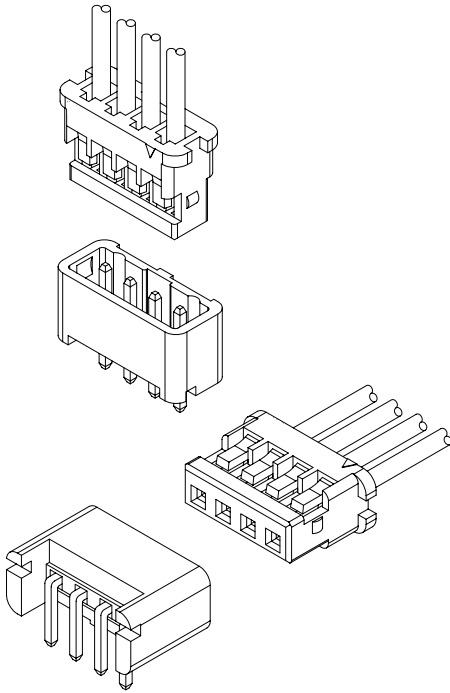
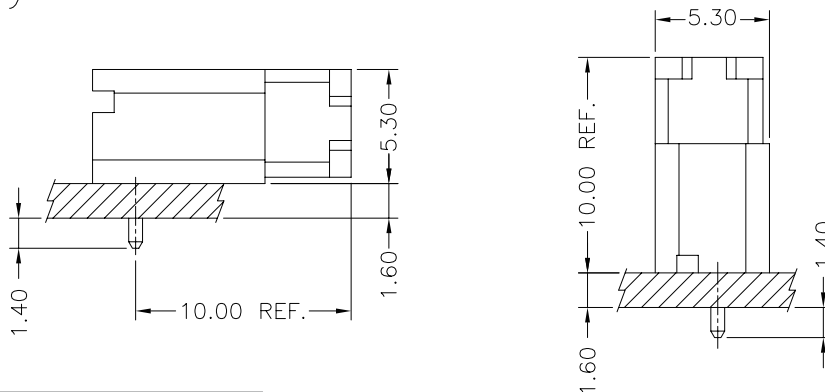




Specifications

Current Rating: 1A~3A 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

Assembly Layout



Ordering Code

① ② ③ ④
A2506 - 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
A2506 XX - XP

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

① ② ③
A2506 X - XP

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



A2506 SERIES

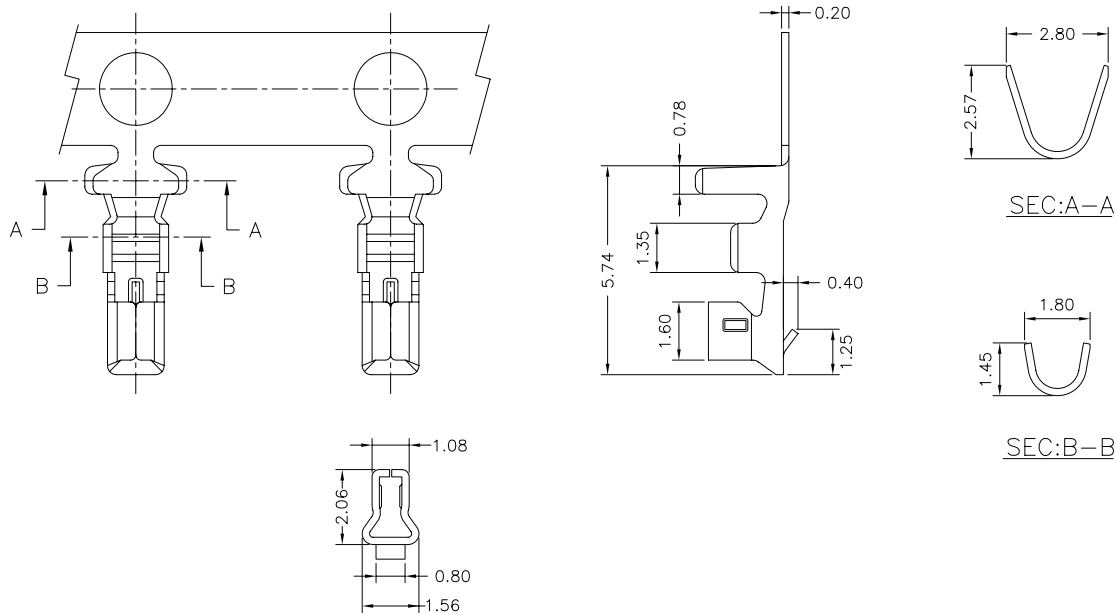
2.50mm Pitch Wire to Board Connector

A2506-XXX

2.50mm Pitch Crimp Terminal

Reference Information:

*Used in A2506 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2506-TPE	AWG#22-#30	1.90mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs

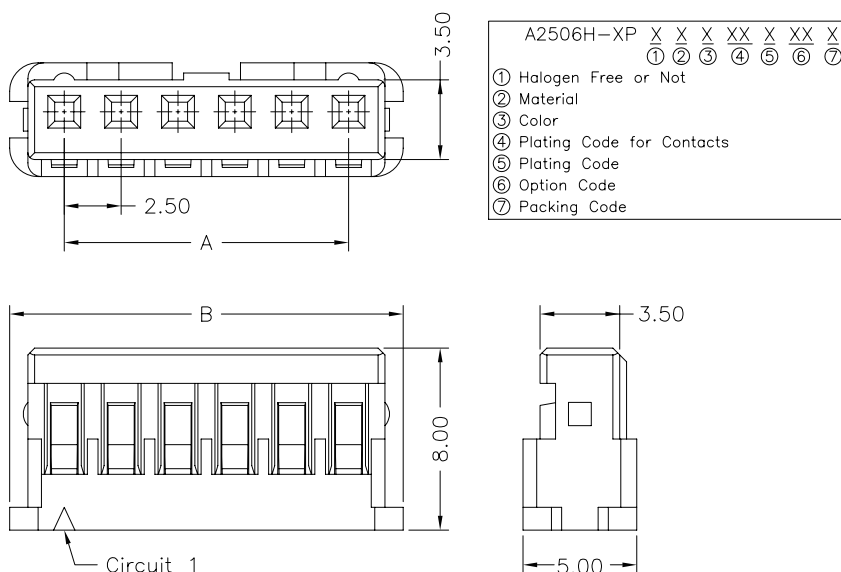
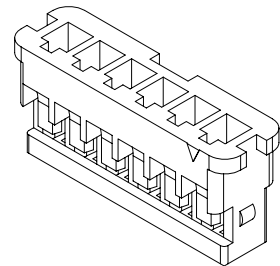
Note:E-Stamping Before Plating

A2506H

2.50mm Pitch Housing

Reference Information:

- *Material: Thermoplastic
- *Suitable A2506 Series Terminal
- *Mates with A2506 Series Wafer



Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.50	7.30
03	5.00	9.80
04	7.50	12.30
05	10.00	14.80
06	12.50	17.30
07	15.00	19.80
08	17.50	22.30
09	20.00	24.80
10	22.50	27.30
11	25.00	29.80
12	27.50	32.30
13	30.00	34.80
14	32.50	37.30
15	35.00	39.80

Unit:mm



A2506 SERIES

2.50mm Pitch Wire to Board Connector

A2506WV

—2.50mm Pitch 180° Wafer—

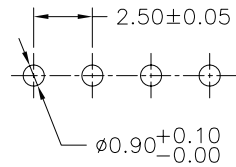
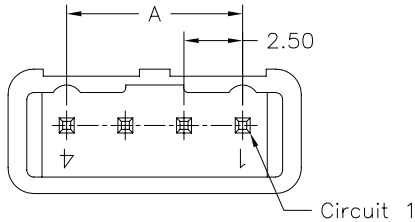
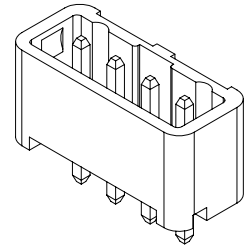
Reference Information:

*Material: Pin: Copper Alloy

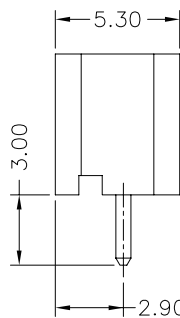
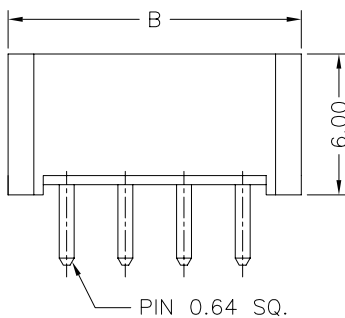
Wafer: Thermoplastic

*Mates with A2506 Series Housing

A2506WV-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						



PCB Layout



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

Unit:mm

A2506WR

—2.50mm Pitch 90° Wafer—

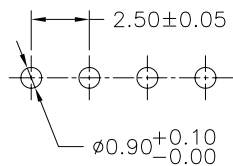
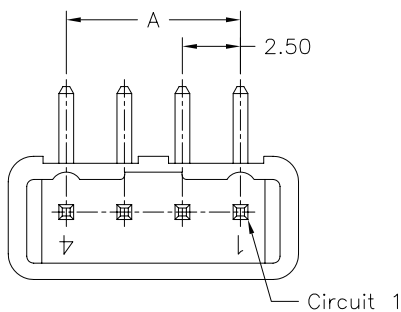
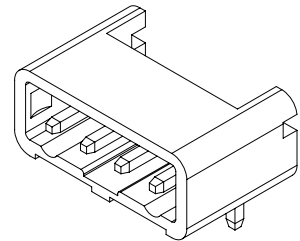
Reference Information:

*Material: Pin: Copper Alloy

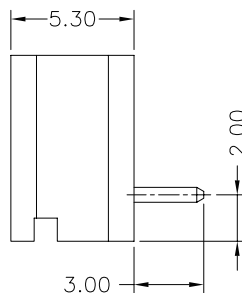
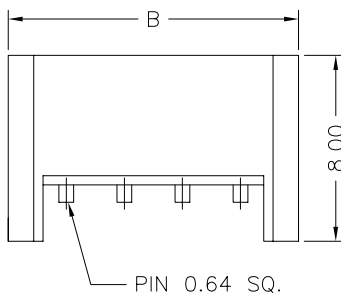
Wafer: Thermoplastic

*Mates with A2506 Series Housing

A2506WR-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						



PCB Layout



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

Unit:mm