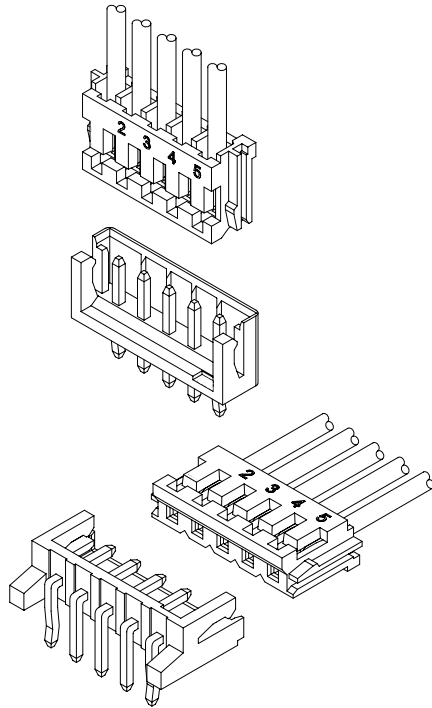


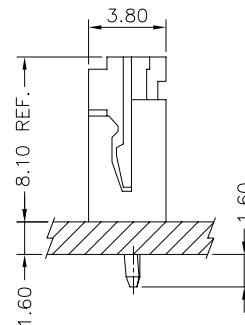
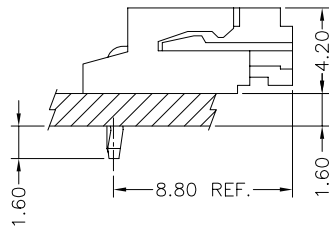


Specifications

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

Standards

Assembly Layout



Ordering Code

① ② ③ ④
A2502 - X X X

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

① ② ③ ④
A2502 XX X-XP

- ① Series No.
- ② Connector Type: WV=Vertical, WR=Right Angle
- ③ Blank=Normal Type, B=B Type
- ④ No. of Circuits

① ② ③
A2502 X-XP

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



A2502 SERIES

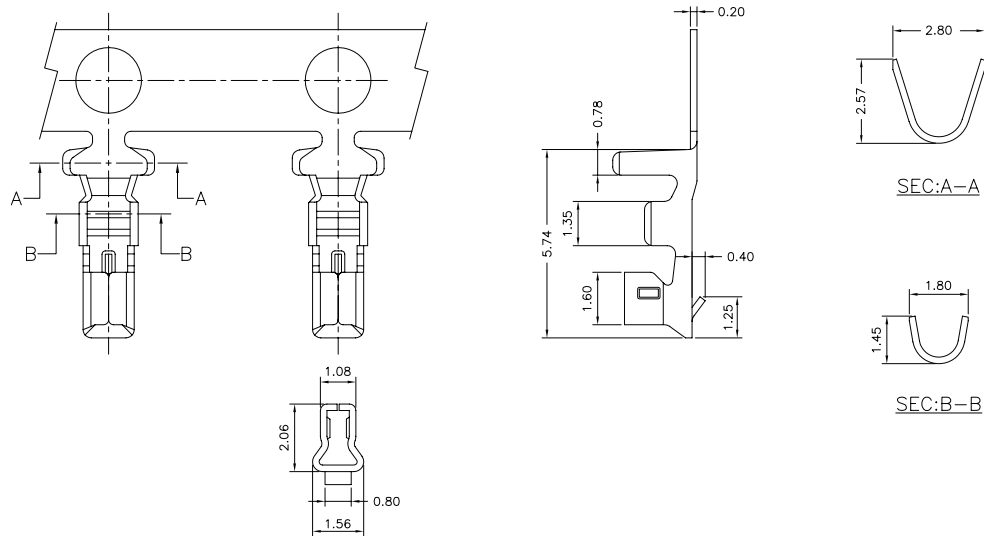
2.50mm Pitch Wire to Board Connector

A2502-XXX

— 2.50mm Pitch Crimp Terminal —

Reference Information:

*Used in A2502 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2502-TPE	AWG#22-#30	1.90mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs
A2502-GPE	AWG#22-#30	1.90mm(Max)	Phosphor Bronze	Gold-Plated	10,000Pcs
A2502-HPE	AWG#22-#30	1.90mm(Max)	Phosphor Bronze	Gold-Plated	10,000Pcs

Note:E-Stamping Before Plating

A2502H

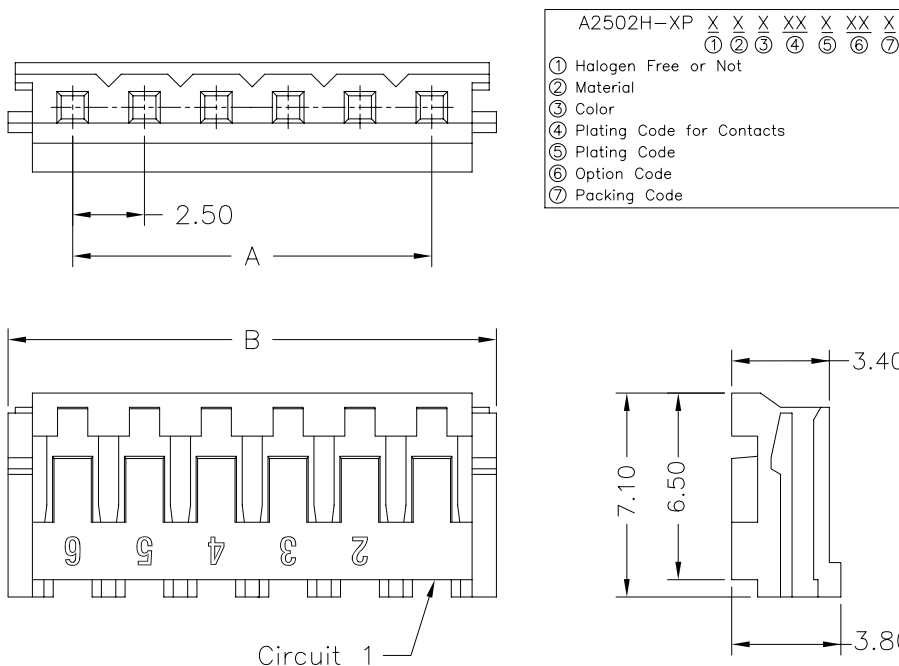
— 2.50mm Pitch Housing —

Reference Information:

*Material: Thermoplastic

*Suitable A2502 Series Terminal

*Mates with A2502 Series Wafer



Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.50	7.00
03	5.00	9.50
04	7.50	12.00
05	10.00	14.50
06	12.50	17.00
07	15.00	19.50
08	17.50	22.00
09	20.00	24.50
10	22.50	27.00
11	25.00	29.50
12	27.50	32.00
13	30.00	34.50
14	32.50	37.00
15	35.00	39.50

Unit:mm



A2502 SERIES

2.50mm Pitch Wire to Board Connector

A2502WV

—2.50mm Pitch 180° Wafer—

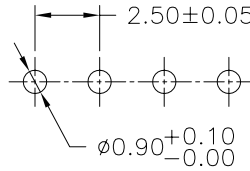
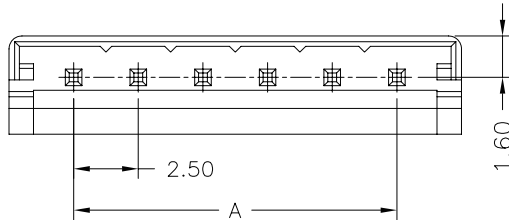
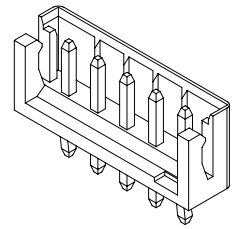
Reference Information:

*Material: Pin: Copper Alloy

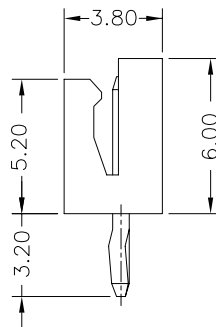
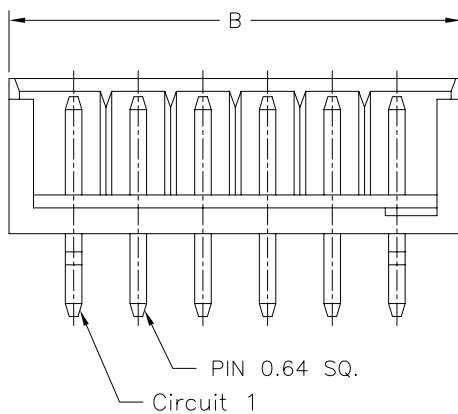
Wafer: Thermoplastic

*Mates with A2502 Series Housing

A2502WV-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

A2502WVB

—2.50mm Pitch 180° Wafer—

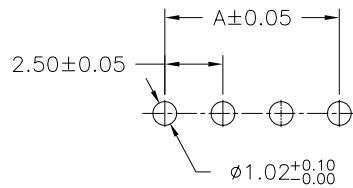
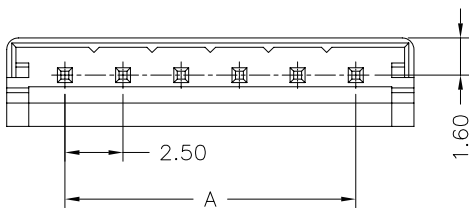
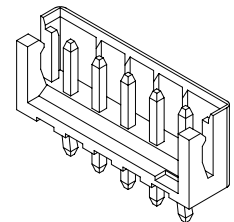
Reference Information:

*Material: Pin: Copper Alloy

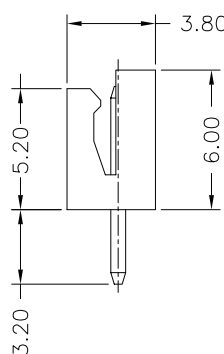
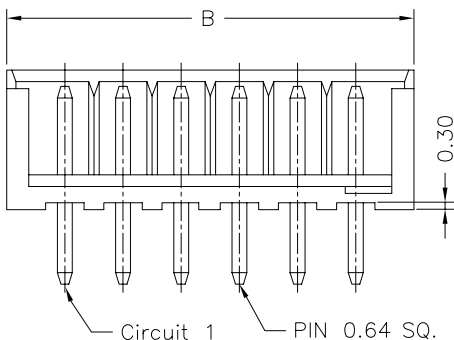
Wafer: Thermoplastic

*Mates with A2502 Series Housing

A2502WVB-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



A2502 SERIES

2.50mm Pitch Wire to Board Connector

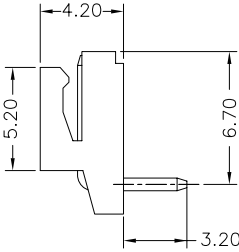
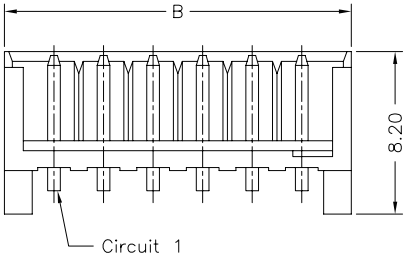
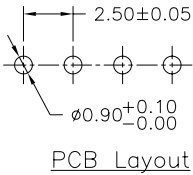
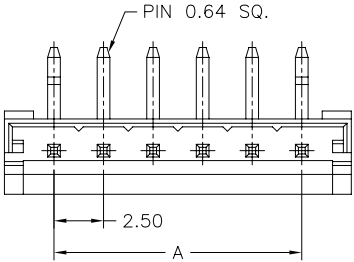
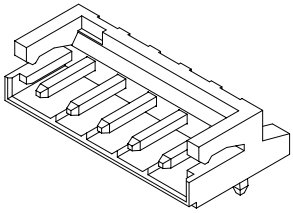
A2502WR

— 2.50mm Pitch 90° Wafer —

Reference Information:

- *Material: Pin: Copper Alloy
Wafer: Thermoplastic
- *Mates with A2502 Series Housing

A2502WR—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

Unit:mm

A
B
C
F