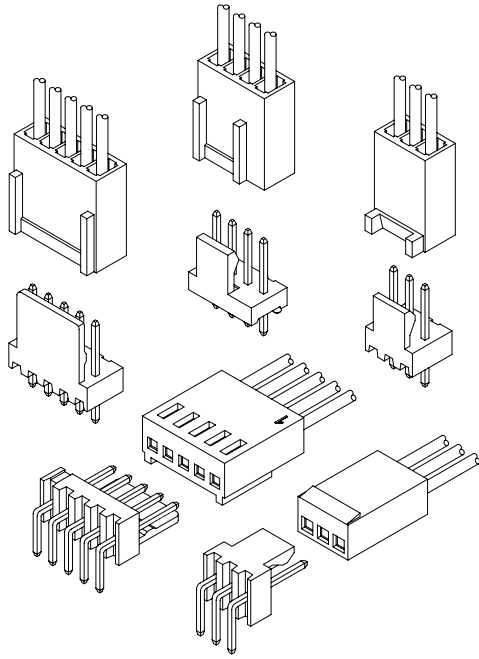




Specifications

Current Rating: 1A~4A 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: 1000V AC/minute

Standards

R

Ordering Code

① ② ③ ④ ⑤
A2508 - X X X - X

- ① Series No.
- ② Plating Code: T=Tin-Plated, G=Gold-Plated
- ③ Material: P=Phosphor Bronze, B=Brass
- ④ E=Stamping Before Plating
- ⑤ Option Code: (Refer to Drawings)

① ② ③ ④
A2508 X - X - XP

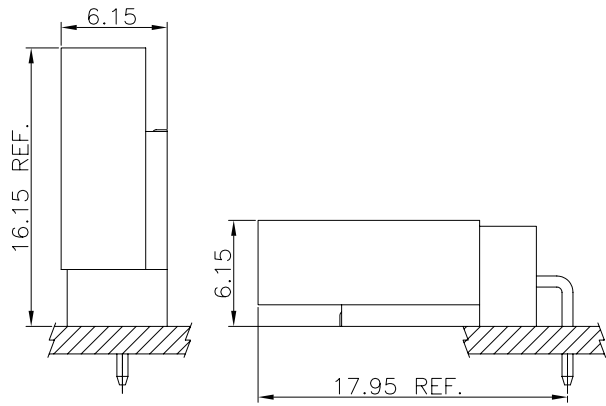
- ① Series No.
- ② Housing Type: H=Housing
- ③ Blank=Normal Type, A=A Type
B=B Type, C=C Type
- ④ No. of Circuits

① ② ③ ④ ⑤
A2508 XX X - XX - XP

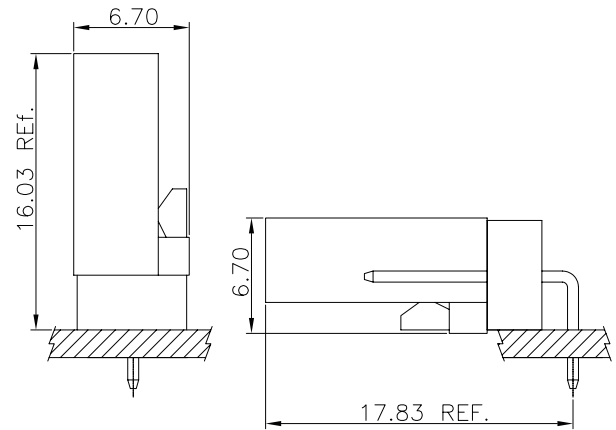
- ① Series No.
- ② Connector Type: WV=Vertical, WR=Right Angle
- ③ Blank=Normal Type, A=A Type, B=B Type, C=C Type,
D=D Type, F=F Type
- ④ Mounting Type: Blank=Through Hole, FX=With Post
- ⑤ No. of Circuits



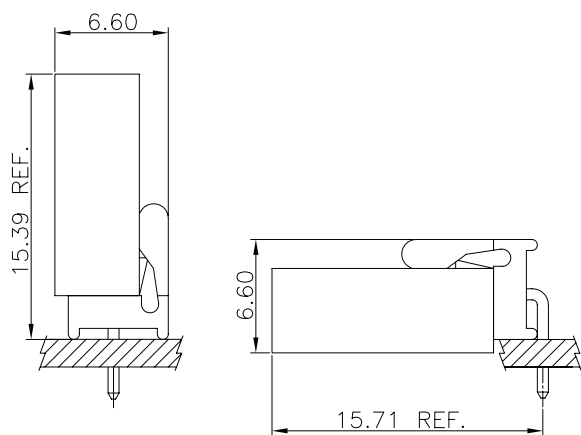
Assembly Layout



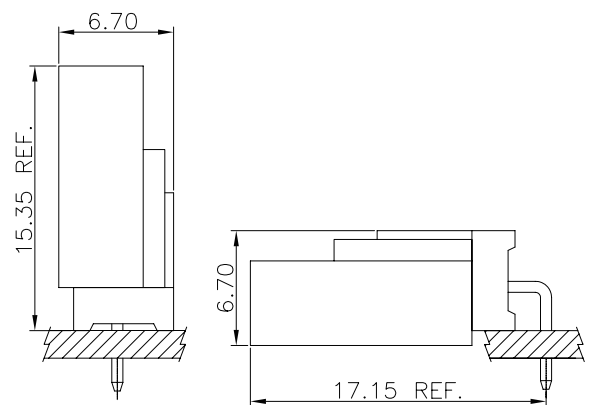
A2508H/A2508WX



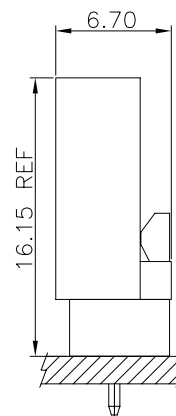
A2508HA/A2508WXA



A2508 HB/A2508WXB



A2508HC-04P/A2508WXC-04P



A2508 HA/A2508WVD



A2508 SERIES

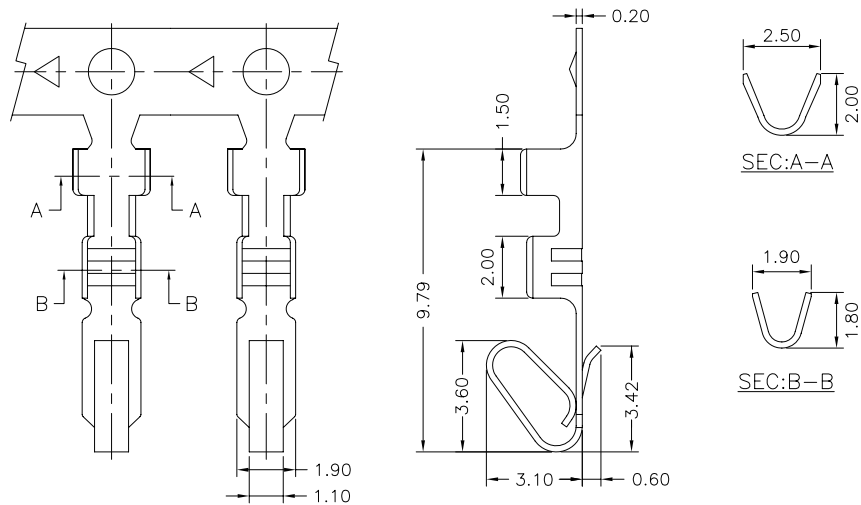
2.54mm Pitch Wire to Board Connector

A2508-XXX

2.54mm Pitch Crimp Terminal

Reference Information:

*Used in A2508 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2508-TBE	AWG#24-#30	1.57mm(Max)	Brass	Tin-Plated	10,000Pcs
A2508-GBE	AWG#24-#30	1.57mm(Max)	Brass	Gold-Plated	10,000Pcs
A2508-TPE	AWG#24-#30	1.57mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs

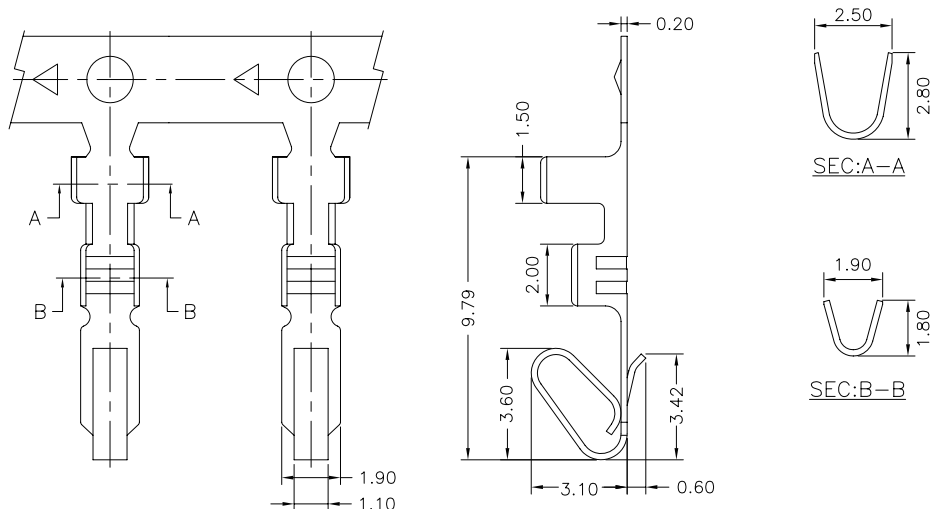
Note:E-Stamping Before Plating

A2508-XXX

2.54mm Pitch Crimp Terminal

Reference Information:

*Used in A2508 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2508-TPE-H	AWG#20-#28	2.00mm(Max)	Phosphor Bronze	Tin-Plated	8,000Pcs

Note:E-Stamping Before Plating



A2508 SERIES

2.54mm Pitch Wire to Board Connector

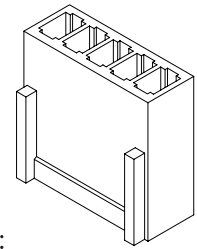
A2508H

2.54mm Pitch Housing

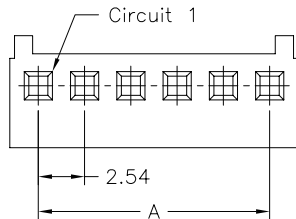
*Material: Thermoplastic

*Suitable A2508 Series Terminal

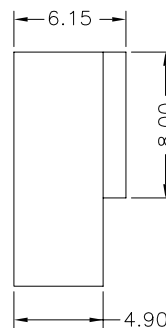
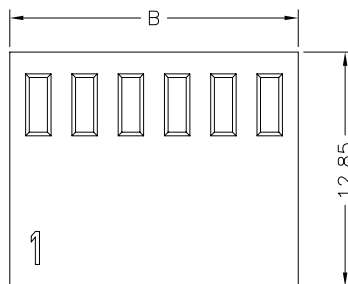
*Mates with A2508WV or A2508WR Series Wafer



Dimensions:



A2508H-XP							
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 No.	Dimensions	
	A	B
02	2.54	5.68
03	5.08	8.22
04	7.62	10.76
05	10.16	13.30
06	12.70	15.84
07	15.24	18.38
08	17.78	20.92
09	20.32	23.46
10	22.86	26.00
11	25.40	28.54
12	27.94	31.08
13	30.48	33.62
14	33.02	36.16
15	35.56	38.70
16	38.10	41.24
17	40.64	43.78
18	43.18	46.32
19	45.72	48.86
20	48.26	51.40

Unit:mm

A2508WV

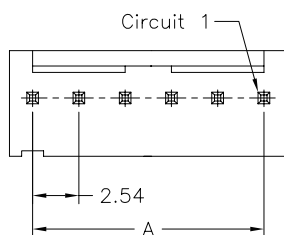
2.54mm Pitch 180° Wafer

Reference Information:

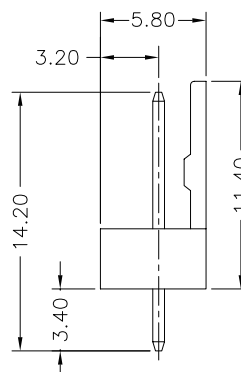
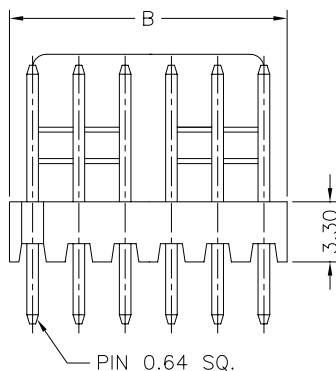
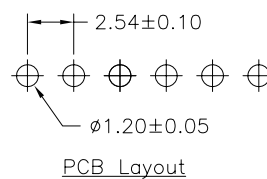
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2508H Series Housing



A2508WV-XP							
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	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80

Unit:mm



A2508 SERIES

2.54mm Pitch Wire to Board Connector

A2508WR

— 2.54mm Pitch 90° Wafer —

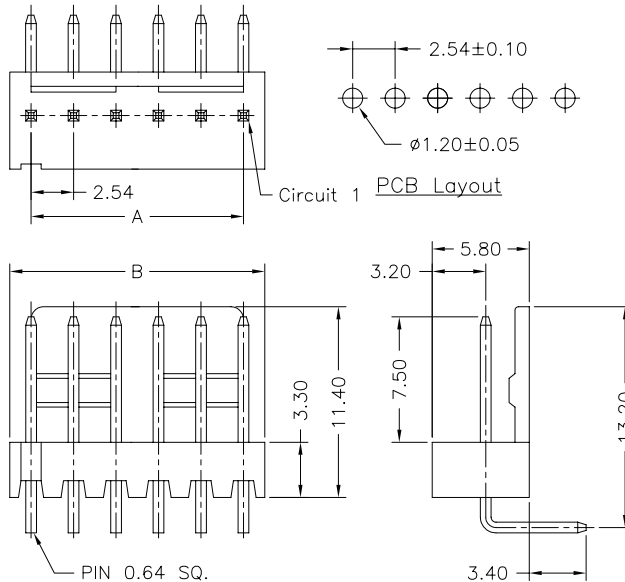
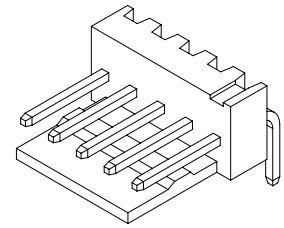
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2508H Series Housing

A2508WR-XP						
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	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80

Unit:mm

A2508HA

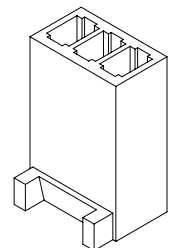
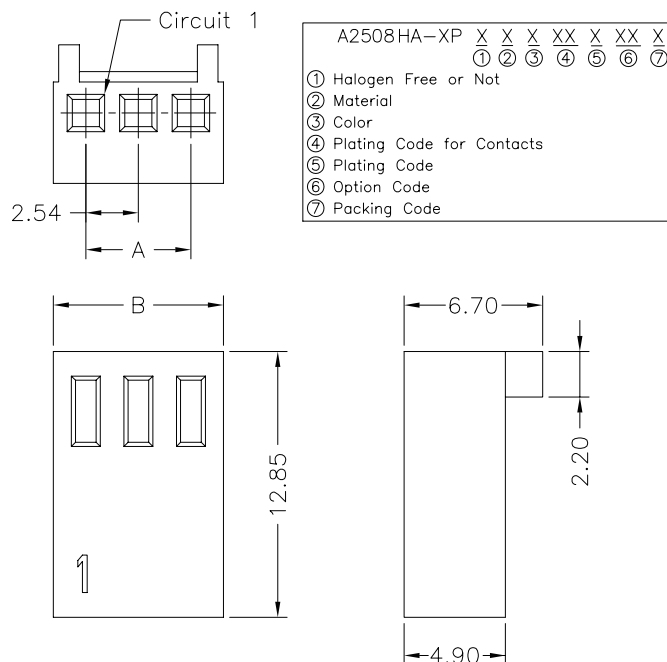
— 2.54mm Pitch Housing —

Reference Information:

*Material: Thermoplastic

*Suitable A2508 Series Terminal

*Mates with A2508WVA or A2508WRA or A2508WVD Series Wafer



Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.54	5.68
03	5.08	8.22
04	7.62	10.76
05	10.16	13.30
06	12.70	15.84
07	15.24	18.38
08	17.78	20.92
09	20.32	23.46
10	22.86	26.00
11	25.40	28.54
12	27.94	31.08
13	30.48	33.62
14	33.02	36.16
15	35.56	38.70
16	38.10	41.24
17	40.64	43.78
18	43.18	46.32
19	45.72	48.86
20	48.26	51.40

Unit:mm



A2508 SERIES

2.54mm Pitch Wire to Board Connector

A2508WVA

—2.54mm Pitch 180° Wafer—

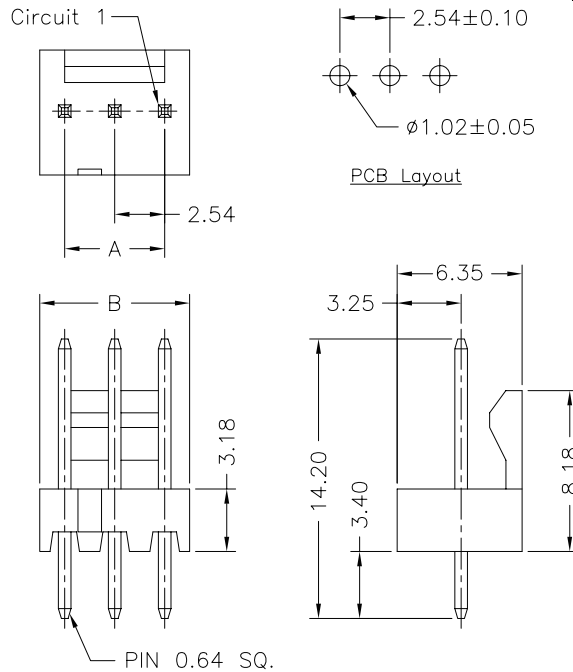
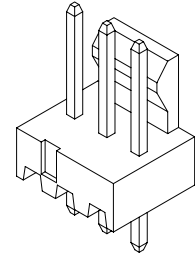
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2508 HA Series Housing

A2508WVA—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	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80

Unit:mm

A2508WRA

—2.54mm Pitch 90° Wafer—

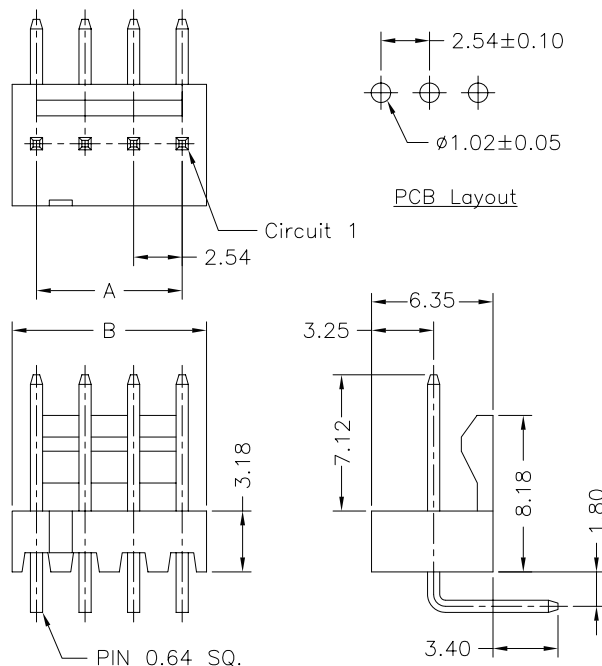
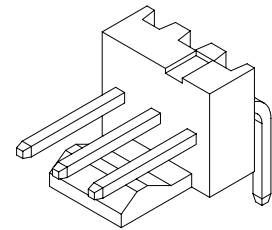
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2508HA Series Housing

A2508WRA—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	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80

Unit:mm



A2508 SERIES

2.54mm Pitch Wire to Board Connector

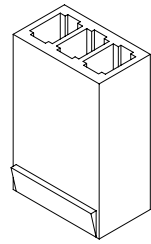
A2508HB

2.54mm Pitch Housing

*Material: Thermoplastic

*Suitable A2508 Series Terminal

*Mates with A2508WVB or A2508WRB Series Wafer



Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.54	5.68
03	5.08	8.22
04	7.62	10.76
05	10.16	13.30
06	12.70	15.84
07	15.24	18.38
08	17.78	20.92
09	20.32	23.46
10	22.86	26.00
11	25.40	28.54
12	27.94	31.08
13	30.48	33.62
14	33.02	36.16
15	35.56	38.70
16	38.10	41.24
17	40.64	43.78
18	43.18	46.32
19	45.72	48.86
20	48.26	51.40

Unit:mm

A2508WVB

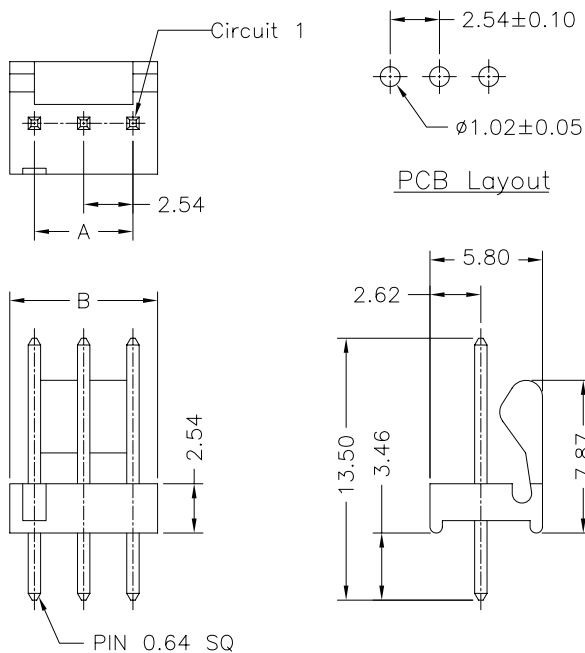
2.54mm Pitch 180° Wafer

Reference Information:

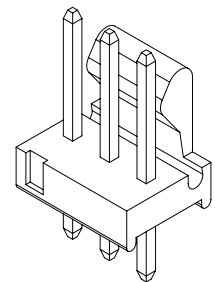
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2508HB Series Housing



A2508WVB-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	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40

Unit:mm



A2508 SERIES

2.54mm Pitch Wire to Board Connector

A2508WRB

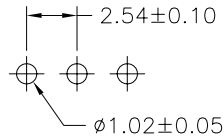
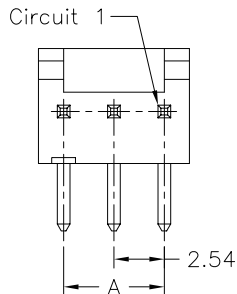
— 2.54mm Pitch 90° Wafer —

Reference Information:

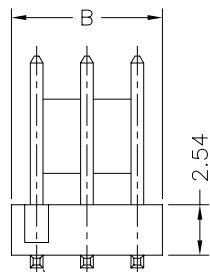
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

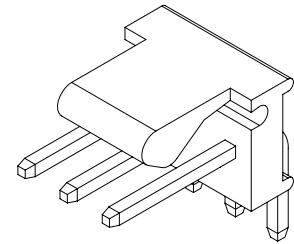
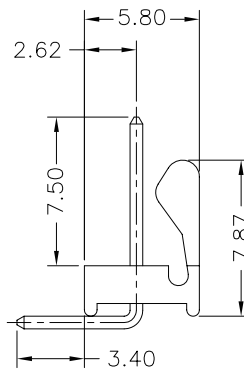
*Mates with A2508HB Series Housing



PCB Layout



PIN 0.64 SQ.



A2508WRB-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	2.54	5.08
03	5.08	7.62

Unit:mm

A2508HC

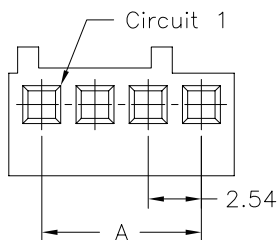
— 2.54mm Pitch Housing —

Reference Information:

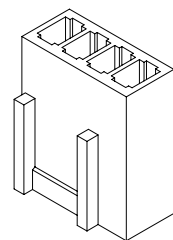
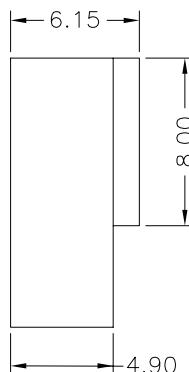
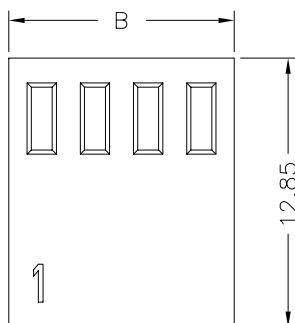
*Material: Thermoplastic

*Suitable A2508 Series Terminal

*Mates with A2508WVC or A2508WRC Series Wafer



A2508HC-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
04	7.62	10.76
06	12.70	15.84

Unit:mm



A2508WVC-04P

A2508WVC-F-04P

A2508WVC-F-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							



A2508WVC-F1-04P

A2508WVC-F3-04P

A2508WVC-F3-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						



A2508WVC-F4-04P

A2508WRC-04P

A2508WRC-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							



A2508WVD-F

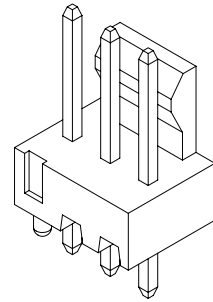
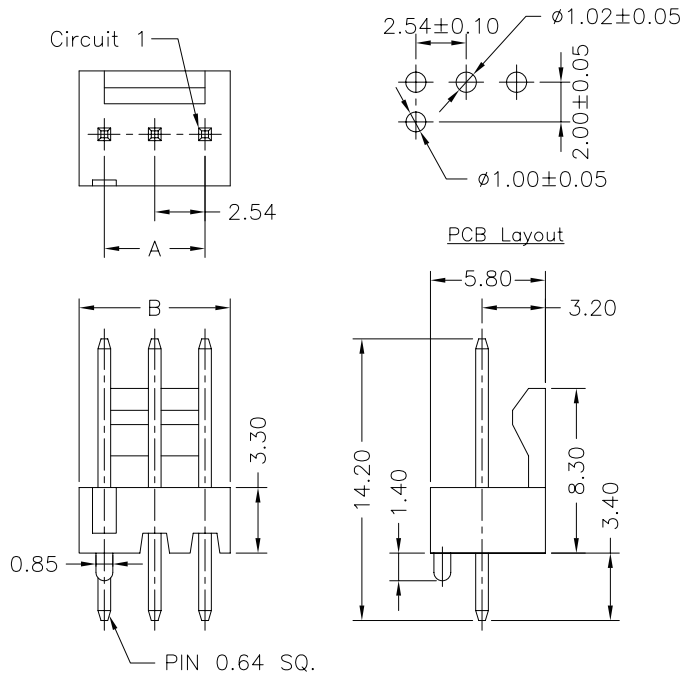
— 2.54mm Pitch 180° Wafer with Post —

Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2508HA Series Housing



A2508WVD-F-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
03	5.08	7.62
04	7.62	10.16

Unit:mm