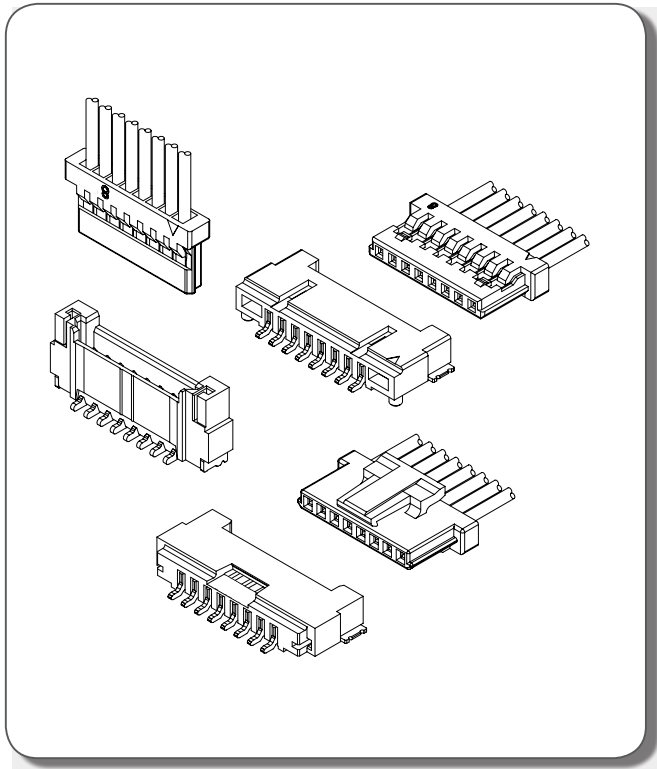




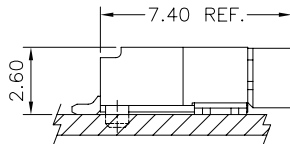
Specifications

Current Rating: 0.5A~1A AC,DC(Per Pin)
Voltage Rating: 150V AC,DC(Per Pin)
Temperature Range: -25°C ~ +85°C
Contact Resistance: 30mΩ Max.
Insulation Resistance: 500MΩ Min.
Withstanding Voltage: 500V AC/minute

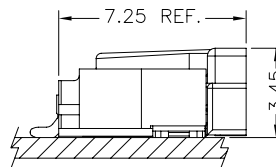
A
B
C
F

Standards

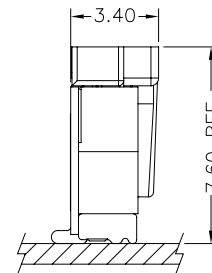
Assembly Layout



A1254WR-S(F)



A1254WRA-S



A1254WVA-S

Ordering Code

① ② ③ ④ ⑤
A1254-X 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
- ⑤ Option Code: (Refer to Drawings)

① ② ③ ④
A1254 X X-XP

- ① Series No.
- ② Housing Type: H=Housing
- ③ Blank=Without Lock Structure Type, A=With Lock Structure Type
- ④ No. of Circuits

① ② ③ ④ ⑤
A1254 XX X-XX-XP

- ① Series No.
- ② Connector Type: WV=Vertical, WR=Right Angle
- ③ Blank=Without Lock Structure Type, A=With Lock Structure Type
- ④ Mounting Type: SF=SMT with Post
S=SMT
- ⑤ No. of Circuits



A1254 SERIES

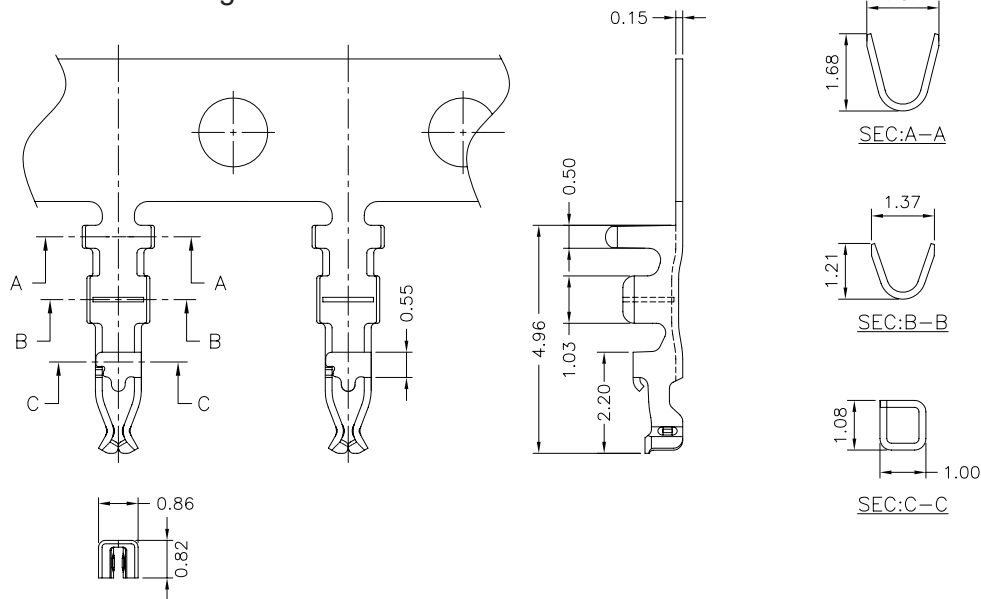
1.25mm Pitch Wire to Board Connector

A 1 2 5 4 - X X X

1.25mm Pitch Crimp Terminal

Reference Information:

*Used in A1254 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A1254-TPE-1	AWG#26-#32	1.00mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs
A1254-GPE-1	AWG#26-#32	1.00mm(Max)	Phosphor Bronze	Gold-Plated	10,000Pcs

Note:E-Stamping Before Plating

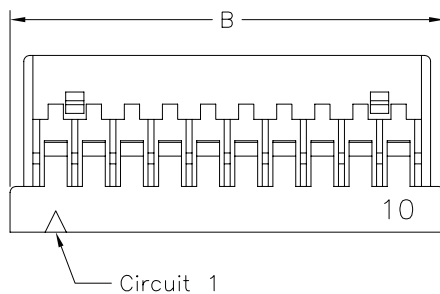
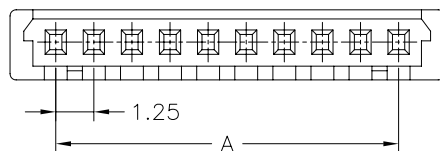
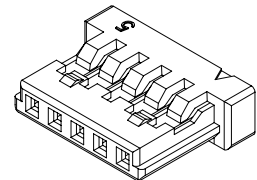
A 1 2 5 4 H

1.25mm Pitch Housing

*Material: Thermoplastic

*Suitable A1254 Series Terminal

*Mates with A1254 Series Wafer



A1254H-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	1.25	4.25
03	2.50	5.50
04	3.75	6.75
05	5.00	8.00
06	6.25	9.25
07	7.50	10.50
08	8.75	11.75
09	10.00	13.00
10	11.25	14.25
11	12.50	15.50
12	13.75	16.75
13	15.00	18.00
14	16.25	19.25
15	17.50	20.50
20	23.75	26.75
21	25.00	28.00
25	30.00	33.00
30	36.25	39.25

Unit:mm



A1254 SERIES

1.25mm Pitch Wire to Board Connector

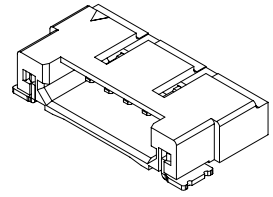
A1254WR-S

1.25mm Pitch 90° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1254H Series Housing

A1254WR-S-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					

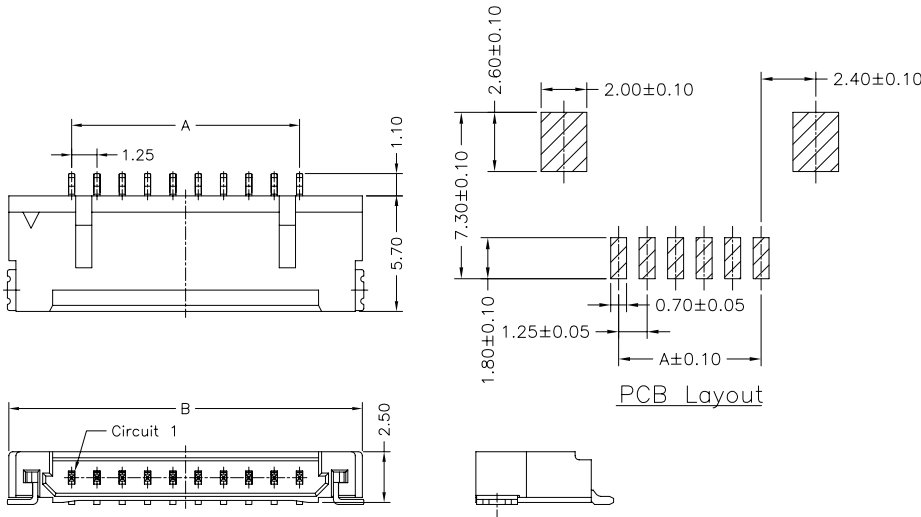


Dimensions:

Circuit No.	Dimensions	
	A	B
02	1.25	7.45
03	2.50	8.70
04	3.75	9.95
05	5.00	11.20
06	6.25	12.45
07	7.50	13.70
08	8.75	14.95
09	10.00	16.20
10	11.25	17.45
11	12.50	18.70
12	13.75	19.95
13	15.00	21.20
14	16.25	22.45
15	17.50	23.70
20	23.75	29.95
21	25.00	31.20
25	30.00	36.20
30	36.25	42.45

Unit:mm

A
B
C
F



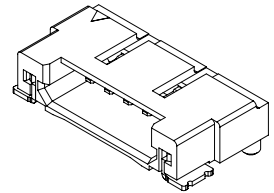
A1254WR-SF

1.25mm Pitch 90° Wafer with Post - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1254H Series Housing

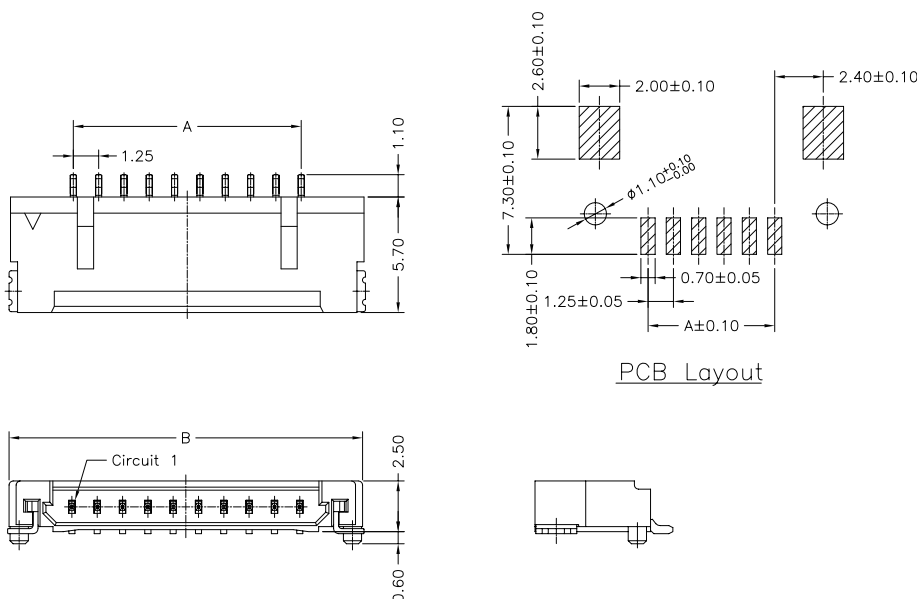
A1254WR-SF-XP						
①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not					
②	Material					
③	Color					
④	Plating Code for Contacts					
⑤	Plating Code					
⑥	Option Code					
⑦	Packing Code					



Dimensions:

Circuit No.	Dimensions	
	A	B
02	1.25	7.45
03	2.50	8.70
04	3.75	9.95
05	5.00	11.20
06	6.25	12.45
07	7.50	13.70
08	8.75	14.95
09	10.00	16.20
10	11.25	17.45
11	12.50	18.70
12	13.75	19.95
13	15.00	21.20
14	16.25	22.45
15	17.50	23.70
20	23.75	29.95
21	25.00	31.20
25	30.00	36.20
30	36.25	42.45

Unit:mm





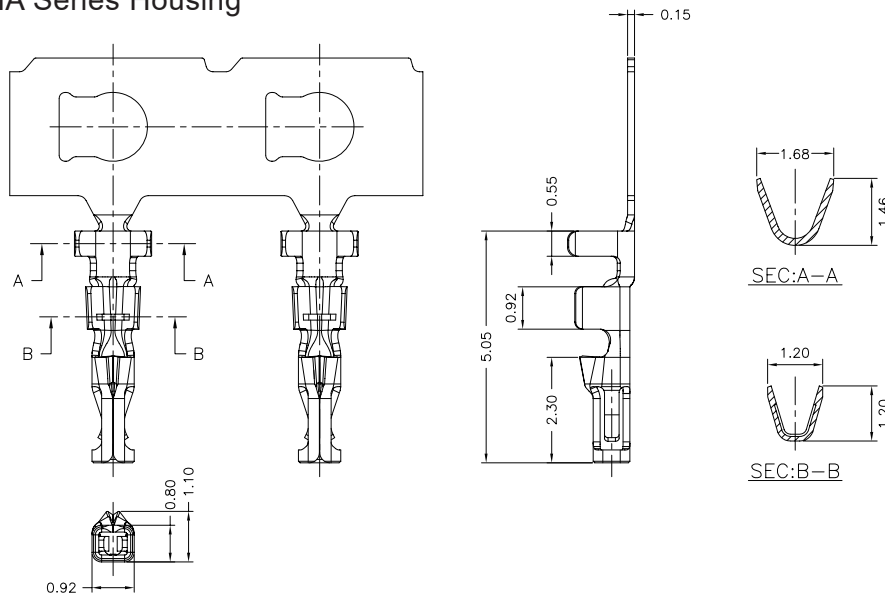
A1254 SERIES

1.25mm Pitch Wire to Board Connector

A 1 2 5 4 - X X X

1.25mm Pitch Crimp Terminal

*Used In A1254 HA Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A1254-TPE-A	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Tin-Plated	15,000Pcs
A1254-GPE-A	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Gold-Plated	15,000Pcs

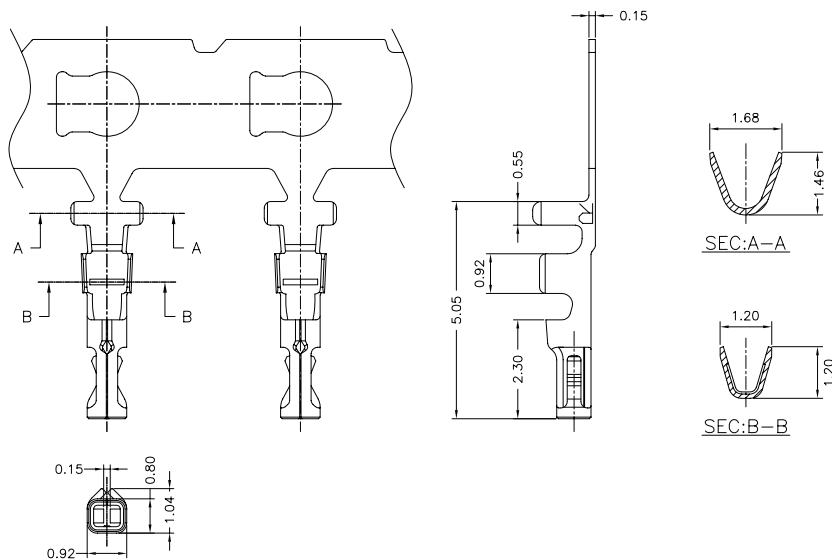
Note:E-Stamping Before Plating

A 1 2 5 4 - X X X

1.25mm Pitch Crimp Terminal

Reference Information:

*Used In A1254HA Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A1254-TPE-B	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Tin-Plated	15,000Pcs
A1254-GPE-B	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Gold-Plated	15,000Pcs

Note:E-Stamping Before Plating



A1254 SERIES

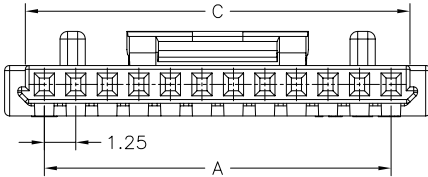
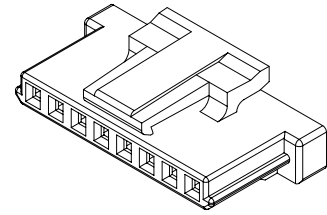
1.25mm Pitch Wire to Board Connector

A1254HA

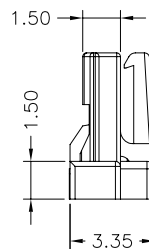
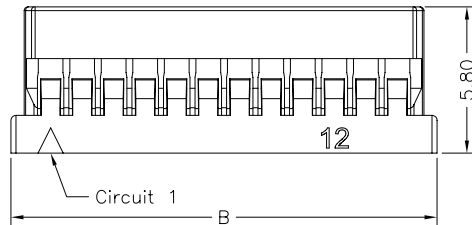
1.25mm Pitch Housing

Reference Information:

- *Material: Copper Alloy
- *Suitable A1254 Series Terminal - A Type and B Type
- *Mates with A1254WVA,WRA Series Wafer



A1254HA-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	C
02	1.25	4.40	2.75
03	2.50	5.56	4.00
04	3.75	6.90	5.25
05	5.00	8.15	6.50
06	6.25	9.40	7.75
07	7.50	10.65	9.00
08	8.75	11.90	10.25
09	10.00	13.15	11.50
10	11.25	14.40	12.75
11	12.50	15.65	14.00
12	13.75	16.90	15.25
13	15.00	18.15	16.50
14	16.25	19.40	17.75
15	17.50	20.65	19.00
20	23.75	26.90	25.25
25	30.00	33.15	31.50
30	36.25	39.40	37.75

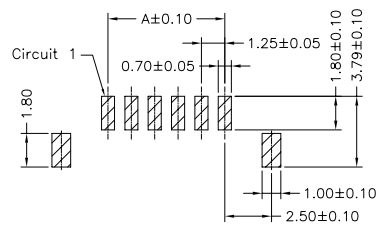
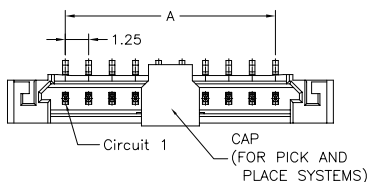
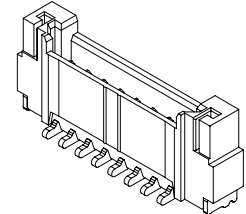
Unit:mm

A1254WVA-S

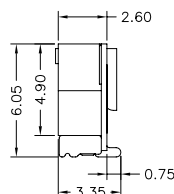
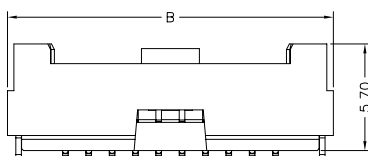
1.25mm Pitch 180° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
Cap: Thermoplastic
- *Mates with A1254HA Series Housing



PCB Layout



A1254WVA-S-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	1.25	7.45
03	2.50	8.70
04	3.75	9.95
05	5.00	11.20
06	6.25	12.45
07	7.50	13.70
08	8.75	14.95
09	10.00	16.20
10	11.25	17.45
11	12.50	18.70
12	13.75	19.95
13	15.00	21.20
14	16.25	22.45
15	17.50	23.70
20	23.75	29.95
25	30.00	36.20
30	36.25	42.45

Unit:mm

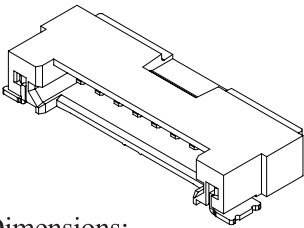


A1254WRA-S

1.25mm Pitch 90° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1254HA Series Housing



Dimensions:

Circuit No.	Dimensions	
	A	B
02	1.25	7.45
03	2.50	8.70
04	3.75	9.95
05	5.00	11.20
06	6.25	12.45
07	7.50	13.70
08	8.75	14.95
09	10.00	16.20
10	11.25	17.45
11	12.50	18.70
12	13.75	19.95
13	15.00	21.20
14	16.25	22.45
15	17.50	23.70
20	23.75	29.95
25	30.00	36.20
30	36.25	42.45

Unit:mm

A1254WRA-S-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						

