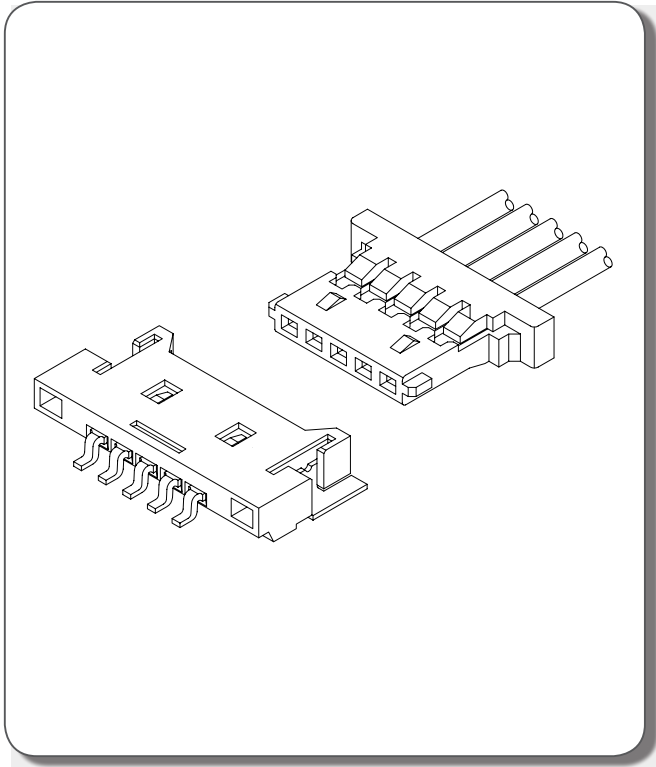




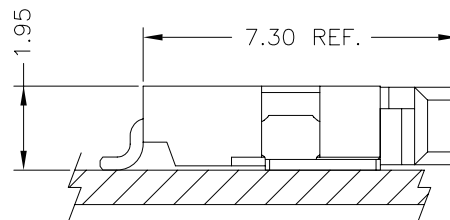
Specifications

Current Rating: 1A AC,DC(Per Pin)
Voltage Rating: 125V AC,DC(Per Pin)
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20mΩ Max.
Insulation Resistance: 100MΩ Min.
Withstanding Voltage: 500V AC/minute

A
B
C
F

Standards

Assembly Layout



Ordering Code

① ② ③ ④
A1255-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
A1255-X XP

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

① ② ③ ④ ⑤
A1255 XX X-X-XP

- ① Series No.
- ② Connector Type: WR=Right Angle
- ③ Blank=Normal Type, A=A Type
- ④ Mounting Type: S=SMT
- ⑤ No. of Circuits



A1255 SERIES

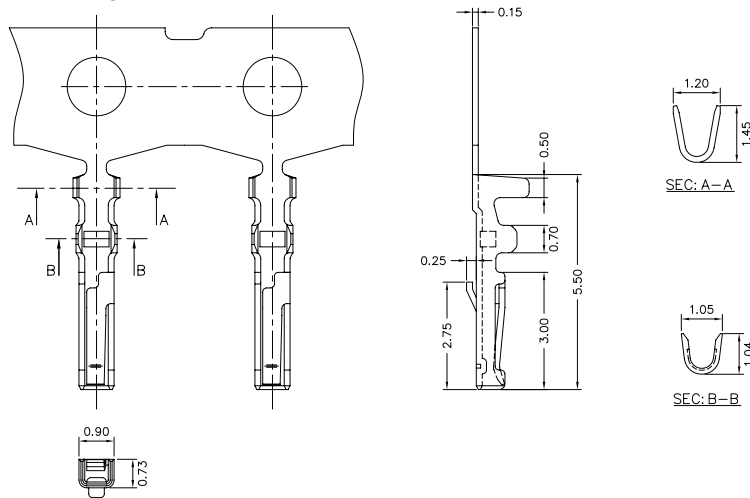
1.25mm Pitch Wire to Board Connector

A 1 2 5 5 - X X X

1.25mm Pitch Crimp Terminal

Reference Information:

*Used in A1255 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A1255-GPE	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Gold-Plated	10,000Pcs
A1255-GPE-G4	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Gold-Plated 5u"	10,000Pcs
A1255-GPE-G5	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Gold-Plated 3u"	10,000Pcs
A1255-TPE	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs
A1255-TPE-01	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs

Note:E-Stamping Before Plating

A 1 2 5 5 H

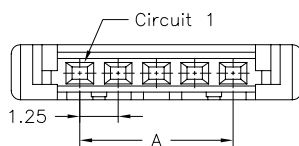
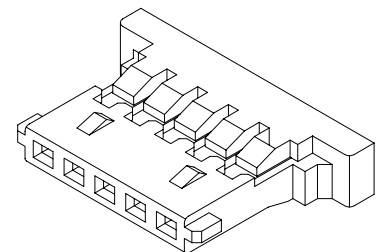
1.25mm Pitch Housing

Reference Information:

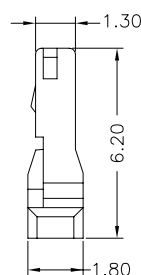
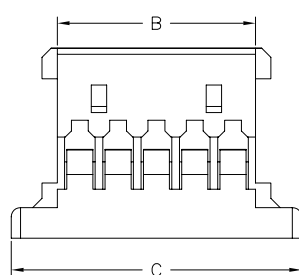
*Material: Thermoplastic

*Suitable A1255 Series Terminal

*Mates with A1255 Series Wafer



A1255H-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	C
02	1.25	2.72	5.72
03	2.50	3.97	6.97
04	3.75	5.22	8.22
05	5.00	6.47	9.47
06	6.25	7.72	10.72
07	7.50	8.97	11.97
08	8.75	10.22	13.22
09	10.00	11.47	14.47
10	11.25	12.72	15.72
11	12.50	13.97	16.97
12	13.75	15.22	18.22
14	16.25	17.72	20.72
15	17.50	18.97	21.97
20	18.75	20.22	23.22
25	23.75	25.22	28.22
30	36.25	37.72	40.72

Unit:mm



A1255 SERIES

1.25mm Pitch Wire to Board Connector

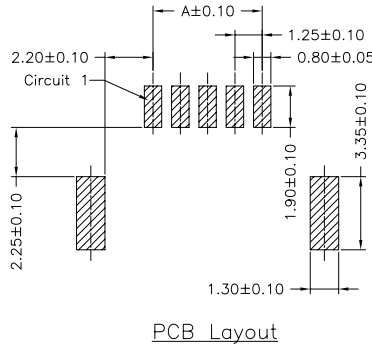
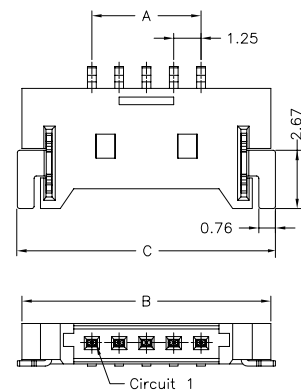
A1255WR-S

1.25mm Pitch 90° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1255 Series Housing

A1255WR-S-XP							
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	



Dimensions:

Circuit No.	Dimensions		
	A	B	C
02	1.25	7.65	8.07
03	2.50	8.90	9.32
04	3.75	10.15	10.57
05	5.00	11.40	11.82
06	6.25	12.65	13.07
07	7.50	13.90	14.32
08	8.75	15.15	15.57
09	10.00	16.40	16.82
10	11.25	17.65	18.07
11	12.50	18.90	19.32
12	13.75	20.15	20.57
14	16.25	22.65	23.07
15	17.50	23.90	24.32
16	18.75	25.15	25.57
20	23.75	30.15	30.57
30	36.25	42.65	43.07

Unit:mm

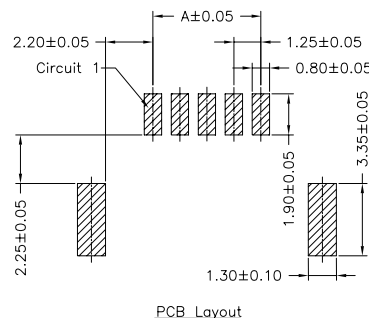
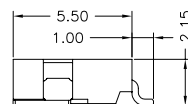
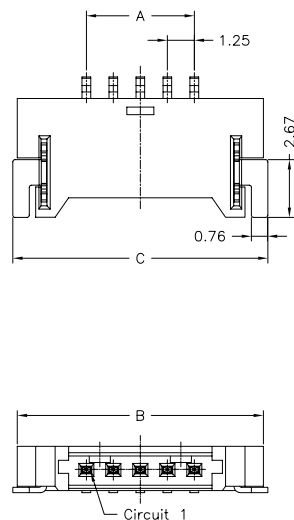
A1255WRA-S

1.25mm Pitch 90° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1255 Series Housing

A1255WRA-S-XP							
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	
①	②	③	④	⑤	⑥	⑦	



Dimensions:

Circuit No.	Dimensions		
	A	B	C
02	1.25	7.65	8.07
03	2.50	8.90	9.32
04	3.75	10.15	10.57
05	5.00	11.40	11.82
06	6.25	12.65	13.07
07	7.50	13.90	14.32
08	8.75	15.15	15.57
09	10.00	16.40	16.82
10	11.25	17.65	18.07
11	12.50	18.90	19.32
12	13.75	20.15	20.57
14	16.25	22.65	23.07
15	17.50	23.90	24.32
16	18.75	25.15	25.57
20	23.75	30.15	30.57
30	36.25	42.65	43.07

Unit:mm



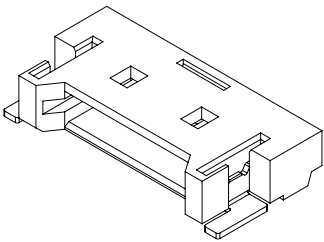
A1255WRC-S

1.25mm Pitch 90° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1255 Series Housing

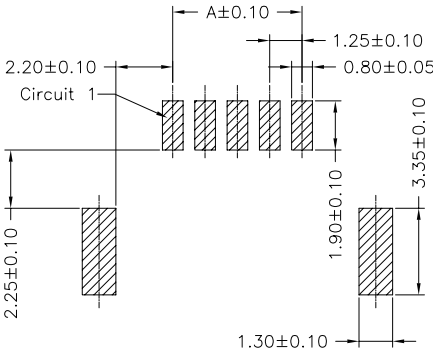
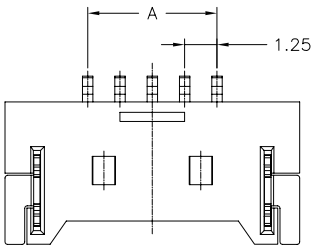
A1255WRC-S-XP		X	X	X	XX	X	XX	X
		①	②	③	④	⑤	⑥	⑦
①		Halogen Free or Not						
②		Material						
③		Color						
④		Plating Code for Contacts						
⑤		Plating Code						
⑥		Option Code						
⑦		Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
02	1.25	7.65
03	2.50	8.90
04	3.75	10.15
05	5.00	11.40
06	6.25	12.65
07	7.50	13.90
08	8.75	15.15
09	10.00	16.40
10	11.25	17.65
11	12.50	18.90
12	13.75	20.15
14	16.25	22.65
15	17.50	23.90
16	18.75	25.15
20	23.75	30.15

Unit:mm



PCB Layout

