

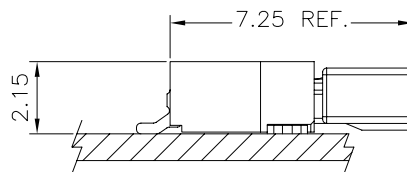
Specifications

Current Rating: 1A AC,DC(Per Pin)
Voltage Rating: 200V AC,DC(Per Pin)
Temperature Range: -25°C ~ +85°C
Contact Resistance: 40mΩ Max.
Insulation Resistance: 100MΩ Min.
Withstanding Voltage: 500V AC/minute

A
B
C
F

Standards

Assembly Layout



Ordering Code

① ② ③ ④
A1256 - 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
A1256 - X XP

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

① ② ③ ④ ⑤
A1256 XX X-X-XP

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



A1256 SERIES

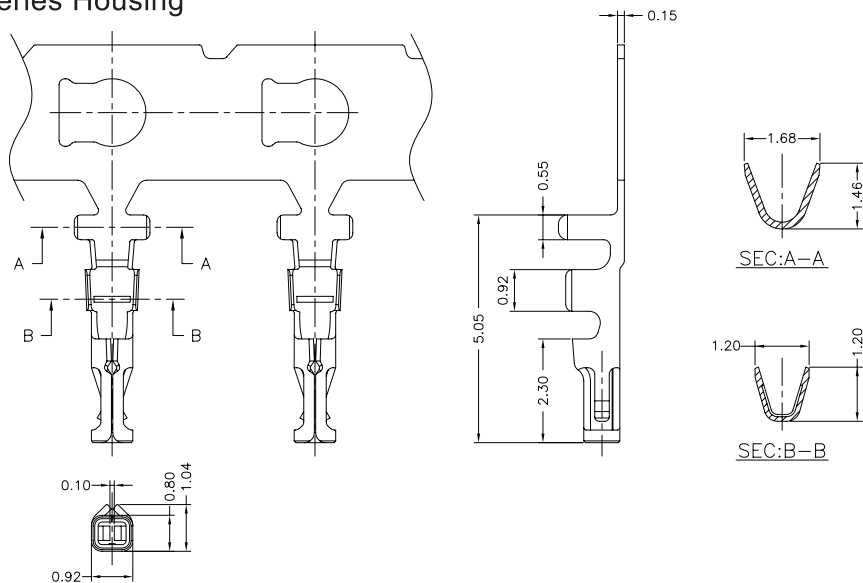
1.25mm Pitch Wire to Board Connector

A 1 2 5 6 - X X X

1.25mm Pitch Crimp Terminal

Reference Information:

*Used in A1256 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A1256-TPE	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Tin-Plated	15,000Pcs
A1256-GPE	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Gold-Plated 3u"	15,000Pcs
A1256-GPE-G5	AWG#28-#32	0.90mm(Max)	Phosphor Bronze	Gold-Plated 1u"	15,000Pcs

Note:E-Stamping Before Plating

A 1 2 5 6 H

1.25mm Pitch Housing

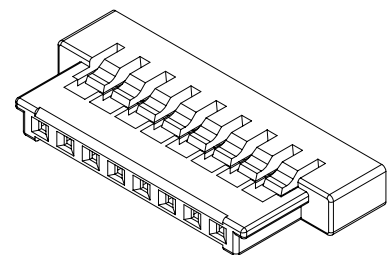
Reference Information:

*Material: Thermoplastic

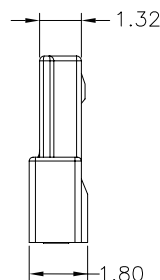
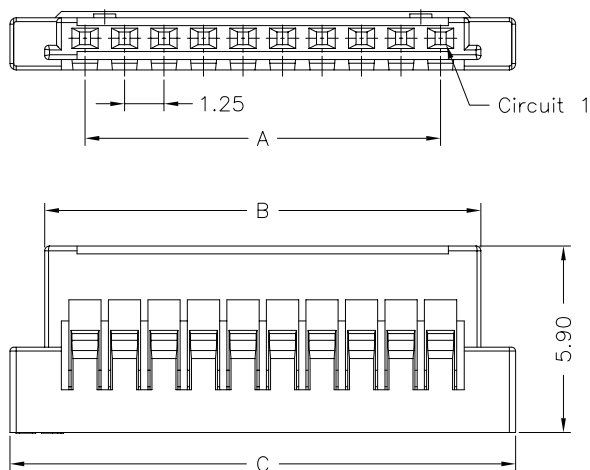
*Suitable A1256 Series Terminal

*Mates with A1256 Series Wafer

A1256H-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	3.80	6.00
03	2.50	5.05	7.25
04	3.75	6.30	8.50
05	5.00	7.55	9.75
06	6.25	8.80	11.00
07	7.50	10.05	12.25
08	8.75	11.30	13.50
09	10.00	12.55	14.75
10	11.25	13.80	16.00
11	12.50	15.05	17.25
12	13.75	16.30	18.50
13	15.00	17.55	19.75
14	16.25	18.80	21.00
15	17.50	20.05	22.25
20	23.75	26.30	28.50
25	30.00	32.55	34.75
30	36.25	38.80	41.00

Unit:mm



A1256 SERIES

1.25mm Pitch Wire to Board Connector

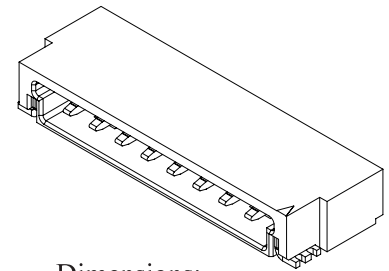
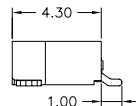
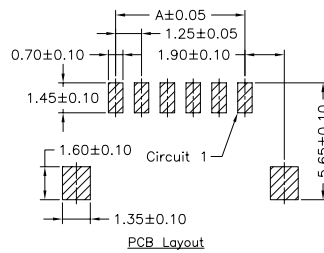
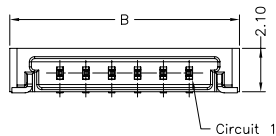
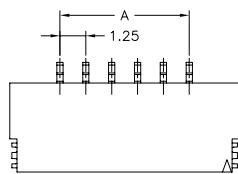
A1256WR-S

1.25mm Pitch 90° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1256 Series Housing

A1256WR-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	6.10
03	2.50	7.35
04	3.75	8.60
05	5.00	9.85
06	6.25	11.10
07	7.50	12.35
08	8.75	13.60
10	11.25	16.10
11	12.50	17.35
12	13.75	18.60
13	15.00	19.85
14	16.25	21.10
15	17.50	22.35
20	23.75	28.60
25	30.00	34.85
30	36.25	41.10

Unit:mm

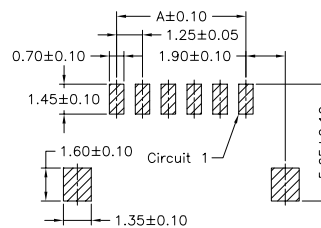
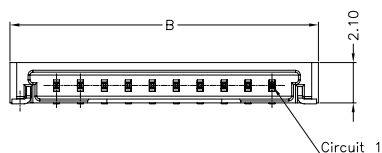
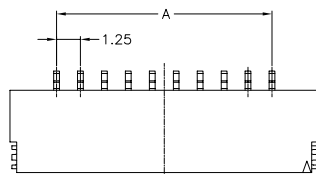
A1256WRB-S

1.25mm Pitch 90° Wafer - SMT Type

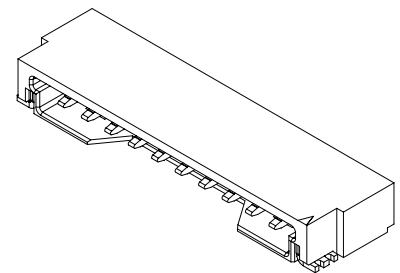
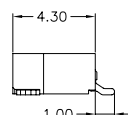
Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1256 Series Housing

A1256WRB-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						



PCB Layout



Dimensions:

Circuit No.	Dimensions	
	A	B
10	11.25	16.10
11	12.50	17.35
12	13.75	18.60
13	15.00	19.85
14	16.25	21.10
15	17.50	22.35
20	23.75	28.60
25	30.00	34.85
30	36.25	41.10

Unit:mm