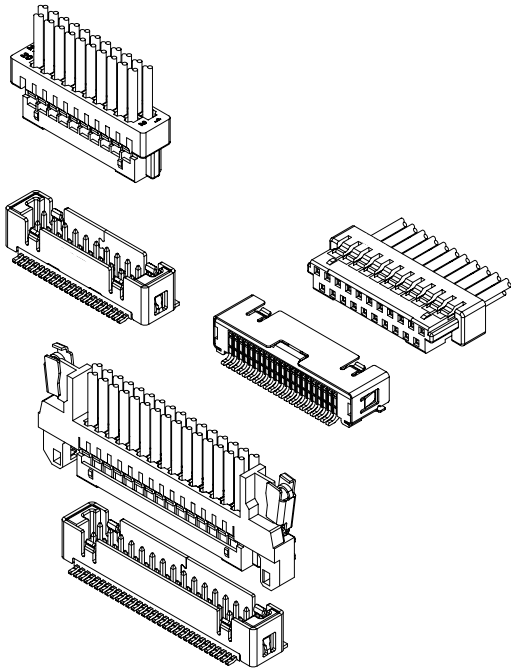


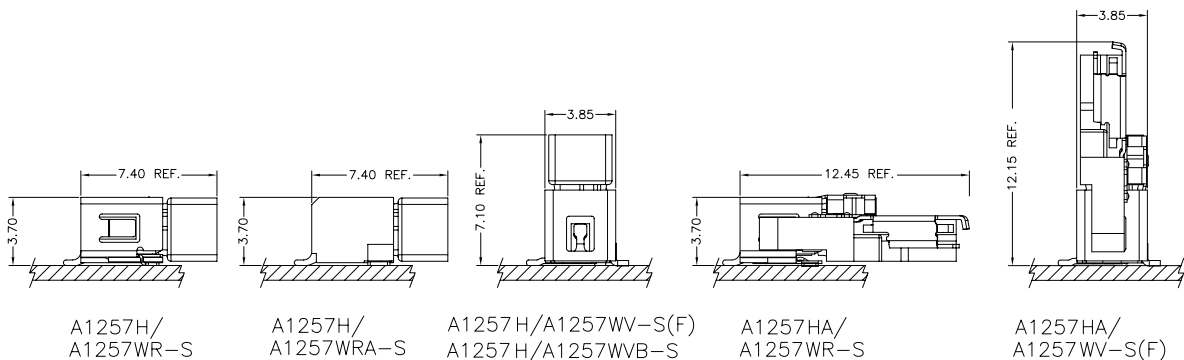


Specifications

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

Standards

Assembly Layout



Ordering Code

① ② ③ ④
A1257 - 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
A1257 XX X - X - XP

- ① Series No.
- ② Connector Type: WV=Vertical, WR=Right Angle
- ③ Blank=With Shell Type
Shell Type
B=With Shell Type, Reverse
- ④ Mounting Type: SF=SMT with Post
S=SMT
- ⑤ No. of Circuits



A1257 SERIES

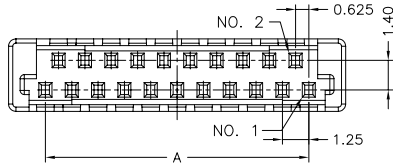
1.25mm Pitch Wire to Board Connector

A1257-H

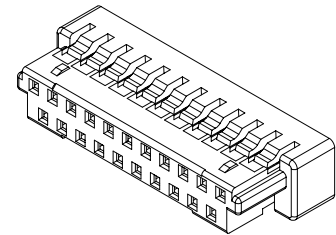
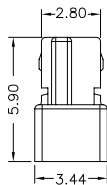
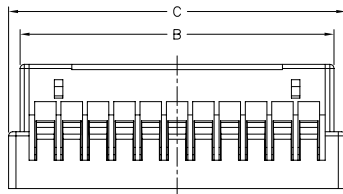
1.25mm Pitch Housing

Reference Information:

- *Material: Thermoplastic
- *Suitable A1256 Series Terminal
- *Mates with A1257 Series Wafer



A1257H-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
05	2.50	4.90	6.00
07	3.75	6.15	7.25
09	5.00	7.40	8.50
11	6.25	8.65	9.75
13	7.50	9.90	11.00
15	8.75	11.15	12.25
17	10.00	12.40	13.50
19	11.25	13.65	14.75
21	12.50	14.90	16.00
31	18.75	21.15	22.25
41	25.00	27.40	28.50

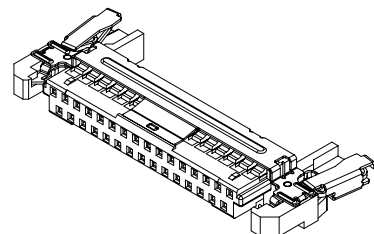
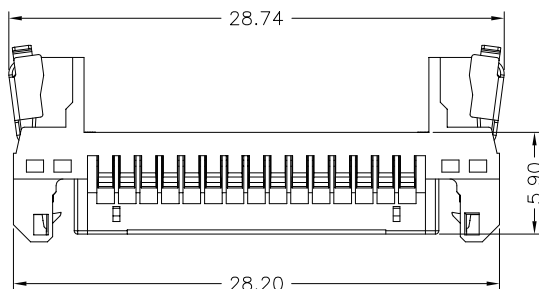
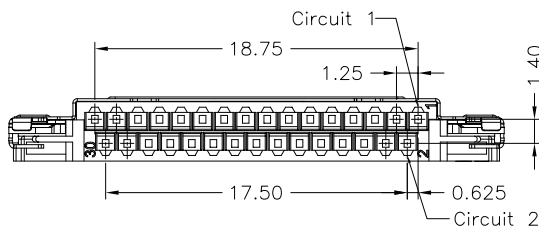
Unit:mm

A1257HA-31P

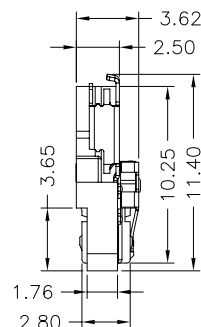
1.25mm Pitch Housing with Lock

Reference Information:

- *Material: Housing: Thermoplastic
Shell: Stainless Steel
Lock Lever: Stainless Steel
- *Suitable A1256 Series Terminal
- *Mates with A1257WV, A1256WR Series Wafer



A1257HA-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						



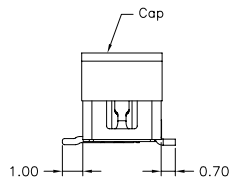
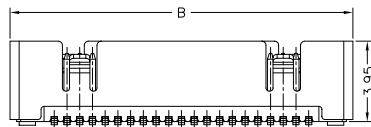
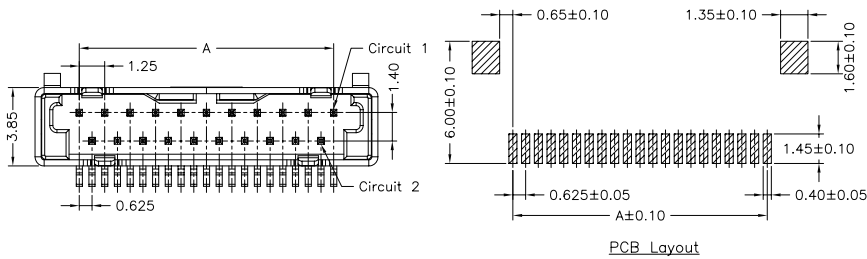
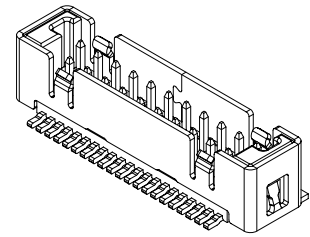
A 1 2 5 7 W V - S

- 1.25mm Pitch 180° Wafer - SMT Type

Reference Information:

*Material: Pin: Copper Alloy
Shell: Copper Alloy
Wafer: Thermoplastic
Cap: Thermoplastic

*Mates with A1257 Series Housing



A1257WV-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
21	12.50	16.85
31	18.75	23.10

Unit:mm

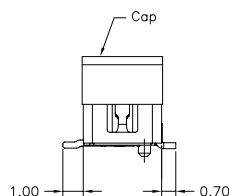
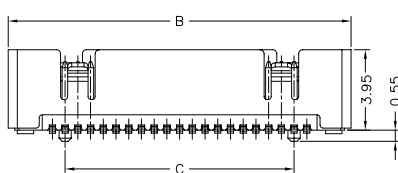
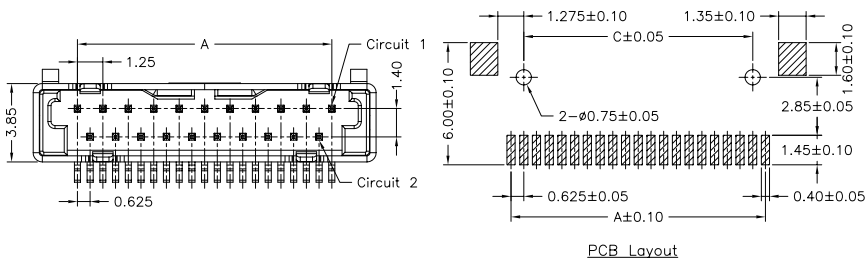
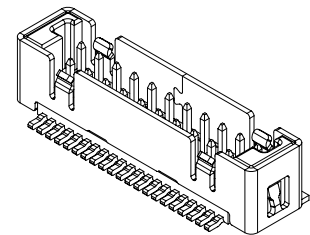
A 1 2 5 7 W V - S F

— 1.25mm Pitch 180° Wafer with Post - SMT Type

Reference Information:

*Material: Pin: Copper Alloy
Shell: Copper Alloy
Wafer: Thermoplastic
Cap: Thermoplastic

*Mates with A1257 Series Housing



A1257 WV-SF-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
21	12.50	16.85	11.25
31	18.75	23.10	17.50

Unit:mm

A 1 2 5 7 W V B - S - 4 1 P

- 1.25mm Pitch 180° Wafer - SMT Type -

Reference Information:

*Material: Pin: Copper Alloy

Shell: Copper Alloy

Wafer: Thermoplastic

Cap: Thermoplastic

*Mates with A1257H Series Housing

A1257WVB-S-XP X X X XX X XX X

① Halogen Free or Not ① ② ③ ④ ⑤ ⑥ ⑦

② Material

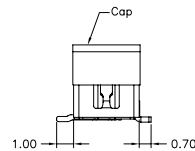
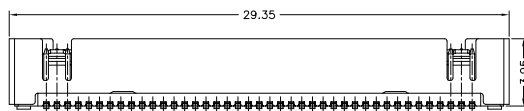
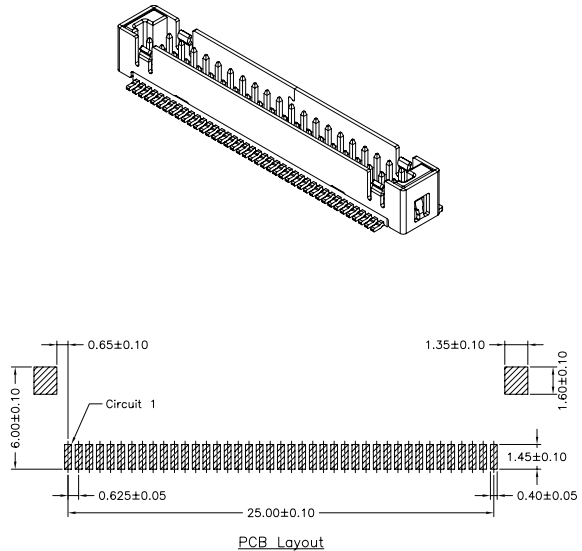
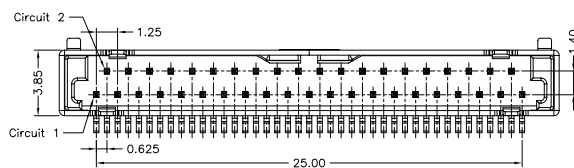
③ Color

④ Plating Code for Contacts

⑤ Plating Code

⑥ Option Code

⑦ Packing Code



A 1257WR-S

- 1.25mm Pitch 90° Wafer - SMT Type

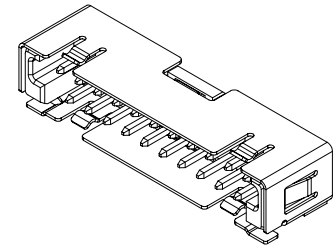
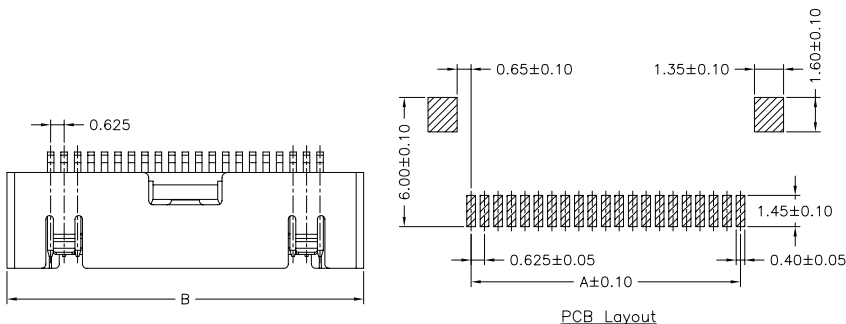
Reference Information:

*Material: Pin: Copper Alloy

Shell: Copper Alloy

Wafer: Thermoplastic

*Mates with A1257 Series Housing



A1257WR-S-XP X X XX X XX X

① Halogen Free or Not ① ② ③ ④ ⑤ ⑥ ⑦

② Material

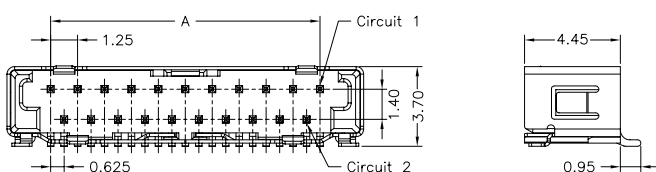
③ Color

④ Plating Code for Contacts

⑤ Plating Code

⑥ Option Code

⑦ Packing Code



Dimensions:

Circuit No.	Dimensions	
	A	B
21	12.50	16.55
31	18.75	22.80
41	25.00	29.05

Unit:mm



A1257 SERIES

1.25mm Pitch Wire to Board Connector

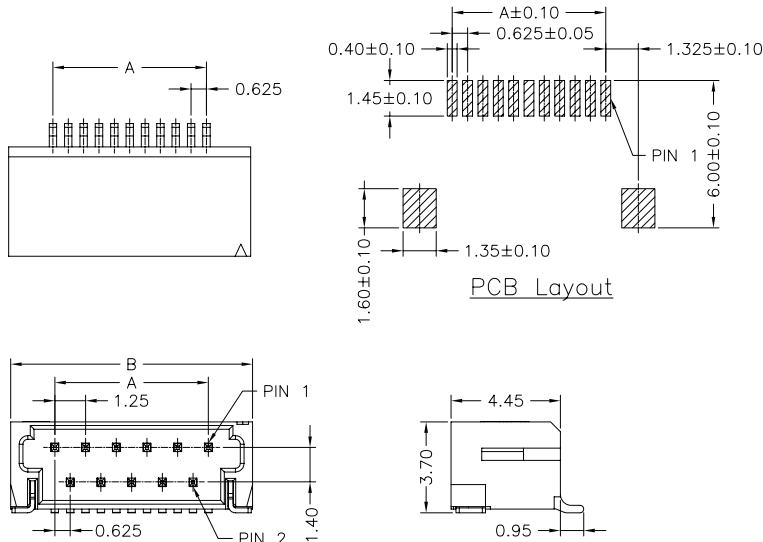
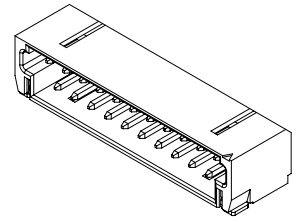
A1257WRA-S

1.25mm Pitch 90° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1257H Series Housing

A1257WRA-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
05	2.50	6.10
07	3.75	7.35
09	5.00	8.60
11	6.25	9.85
13	7.50	11.10
15	8.75	12.35
17	10.00	13.60
19	11.25	14.85
21	12.50	16.10
31	18.75	22.35
41	25.00	28.60

Unit:mm

A
B
C
F