

Specifications

Current Rating: 0.5A~1A AC,DC(Per Pin)

Voltage Rating: 50V AC,DC(Per Pin)

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20mΩ Max.

Insulation Resistance: 100MΩ Min.

Withstanding Voltage: 500V AC/minute

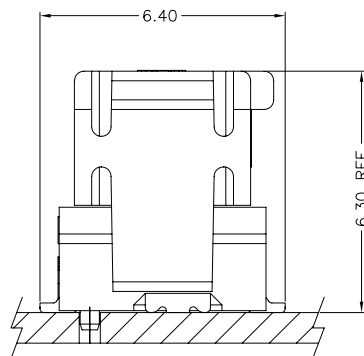
A

B

C

F

Assembly Layout



Ordering Code

① ② ③ ④
A1016-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 ④ ⑤
A1016 X X-2X NP

- Series No.
- Housing Type: H=Housing
- A=With Lock Structure Type
- 2X=Dual Row
- No. of Circuits

① ② ③ ④ ⑤ ⑥
A1016 XX X-XX-2X NP

- ① Series No.
- ② Connector Type: WV=Vertical
- ③ A=With Lock Structure Type
- ④ Mounting Type: SF=SMT with Post
- ⑤ 2X=Dual Row
- ⑥ No. of Circuits



A1016 SERIES

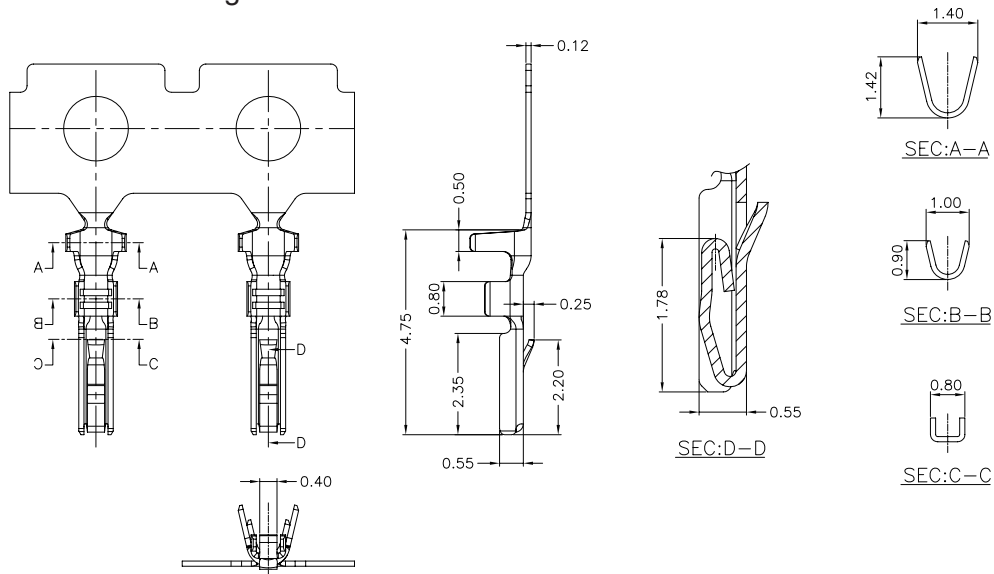
1.00mm Pitch Wire to Board Connector

A 1016-XXX

1.00mm Pitch Crimp Terminal

Reference Information:

*Used in A1016 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A1016-TPE	AWG#28-#32	0.80mm(Max)	Phosphor Bronze	Tin-Plated	15,000Pcs
A1016-GPE	AWG#28-#32	0.80mm(Max)	Phosphor Bronze	Gold-Flash	15,000Pcs

Note:E-Stamping Before Plating

A 1016HA-2

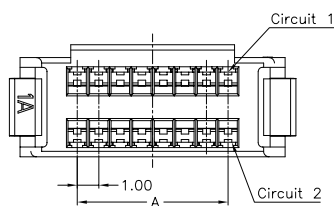
1.00mm Pitch Dual Row Housing with Lock

Reference Information:

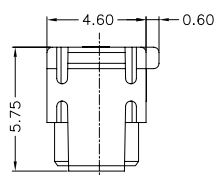
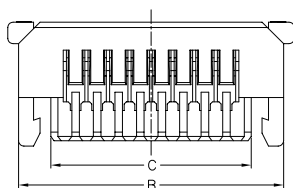
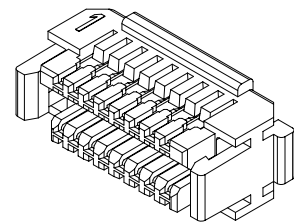
*Material: Thermoplastic

*Suitable A1016 Series Terminal

*Mates with A1016 Series Dual Row Wafer



A1016HA-2XNP	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
2X05	4.00	9.30	6.30
2X08	7.00	12.30	9.30
2X10	9.00	14.30	11.30
2X15	14.00	19.30	16.30
2X20	19.00	24.30	21.30
2X25	24.00	29.30	26.30
2X30	29.00	34.30	31.30

Unit:mm



A1016 SERIES

1.00mm Pitch Wire to Board Connector

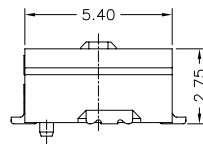
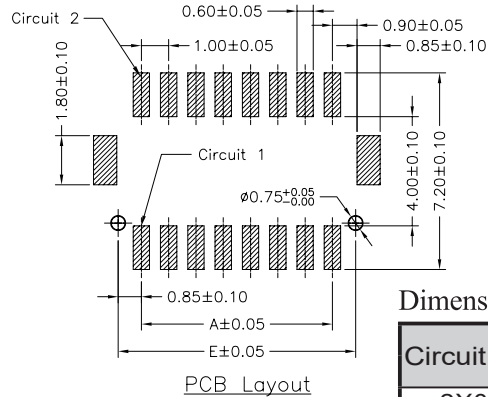
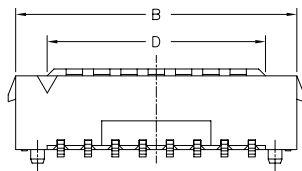
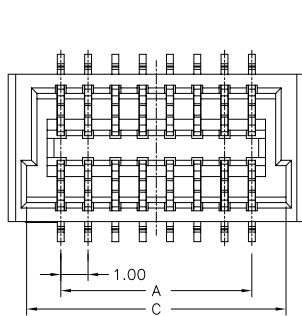
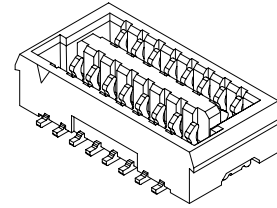
A1016WVA-SF-2

1.00mm Pitch 180° Dual Row Wafer with Post - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
Cap: Thermoplastic

*Mates with A1016HA Series Dual Row Housing



A1016WVA-SF-2XNP						
①	②	③	④	⑤	⑥	⑦
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	D	E
2X05	4.00	7.30	6.50	5.00	5.70
2X08	7.00	10.30	9.50	8.00	8.70
2X10	9.00	13.30	11.50	10.00	10.70
2X15	14.00	17.30	16.50	15.00	15.70
2X20	19.00	22.30	21.50	20.00	20.70
2X25	24.00	27.30	26.50	25.00	25.70
2X30	29.00	32.30	31.50	30.00	30.70

Unit:mm

A
B
C
F