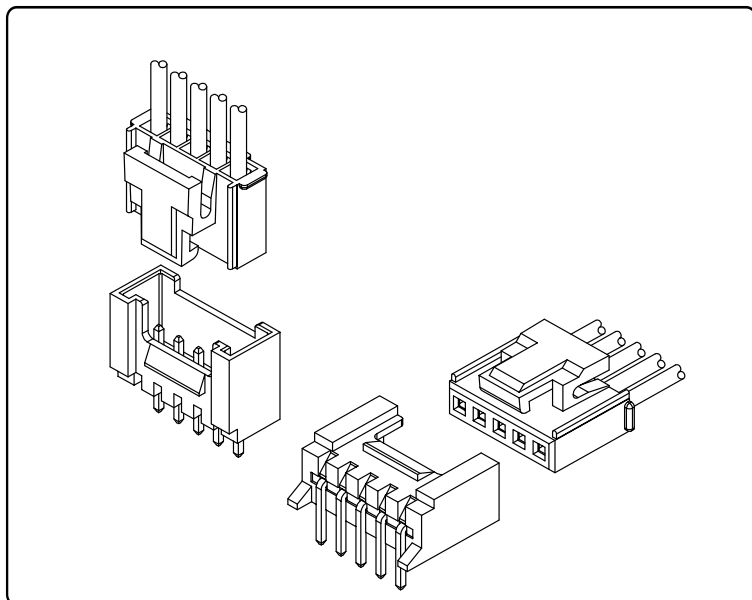




Specifications

Temperature range: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Voltage rating: 250V

Current rating: 2A

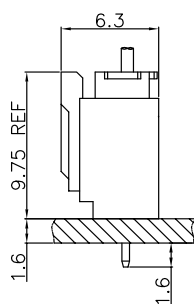
Contact resistance: $30\text{m}\Omega$ Max

Insulation resistance: $1000\text{M}\Omega$ Min

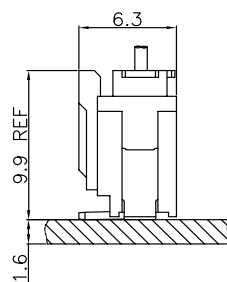
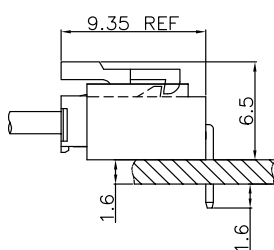
Withstand voltage: 1000V AC

Assembly layout

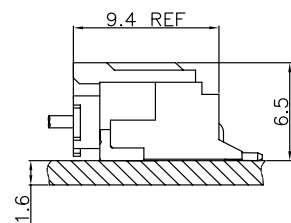
wire to board



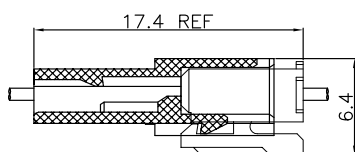
DIP Type



SMT Type

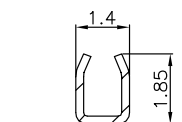
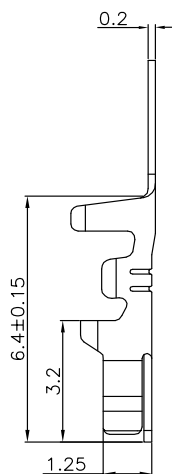
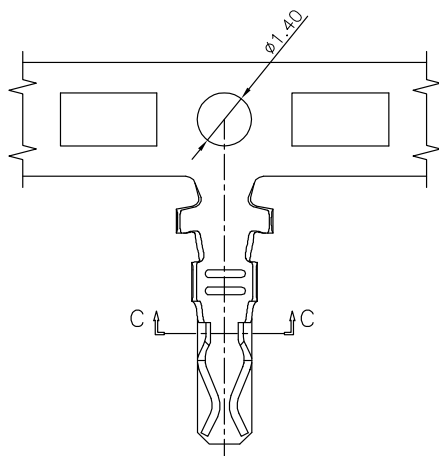


wire to wire



A2008TFX-X

Pitch 2.00mm Terminal



SECTION:C-C
SCALE:1:1

Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

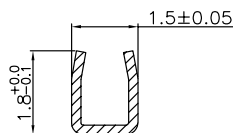
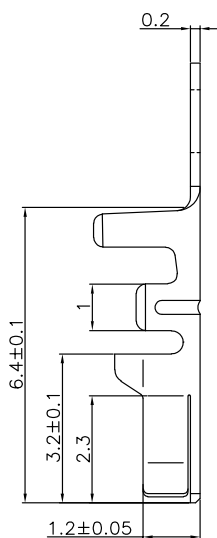
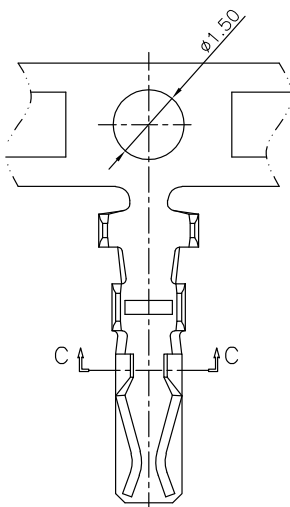
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2008 series Male housing

SERIES NO: A2008 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2008T1FX-X

Pitch 2.00mm Terminal



SECTION:C-C
SCALE:1:1

Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

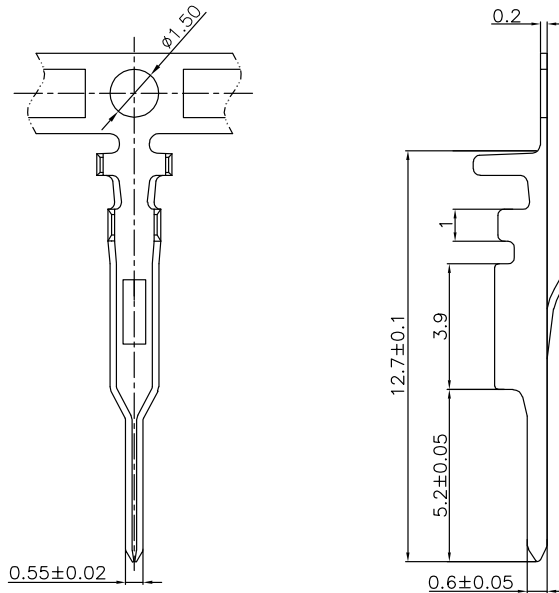
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#30
SUITABLE A2008 series Male housing

SERIES NO: A2008 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2008TMX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

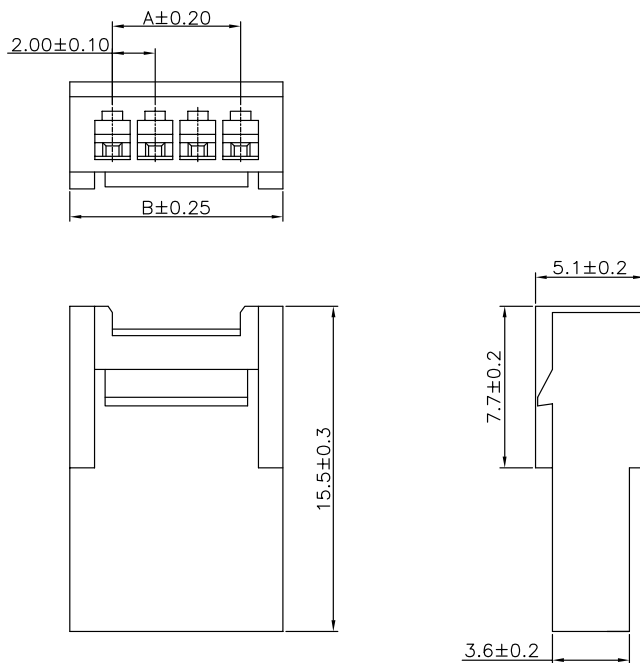
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2008 series Female housing

A2008 T M X-X
SERIES NO: A2008
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE, M-MALE
PLATING: 1-G/F, A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
METAL: P-PHOSPHOR BRONZE, B-BRASS

A2008HF-1XXX0

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

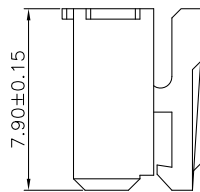
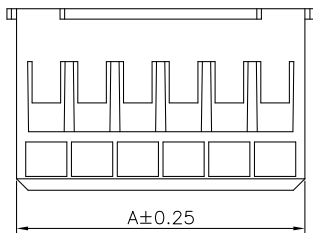
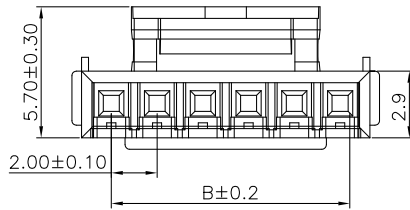
Suitable A2008 series Terminal
Mates With A2008 series Male housing

A2008 H F-1 XX X 0
SERIES NO: A2008
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
COLOR: A-BLACK, S-NATURE
PIN Q'PY: 02~16
ROW NO: 1-SINGLE ROW

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	6.00	10	18.00	22.00
03	4.00	8.00	11	20.00	24.00
04	6.00	10.00	12	22.00	26.00
05	8.00	12.00	13	24.00	28.00
06	10.00	14.00	14	26.00	30.00
07	12.00	16.00	15	28.00	32.00
08	14.00	18.00	16	30.00	34.00
09	16.00	20.00			

A2008HM-1XXX0

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

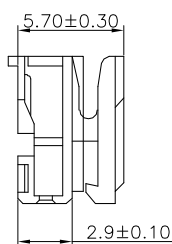
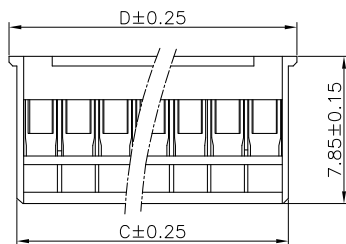
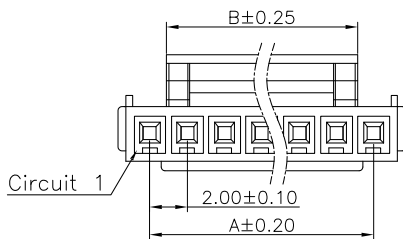
Suitable A2008 series Terminal
Mates With A2008 series Wafer

A2008 H M-1 XX X 0
SERIES NO: H M-1 XX X 0
COLOR:
A-BLACK
S-NATURE
CONNECTOR:
H-HOUSING
PIN Q'PY:
02~16
MALE FEMALE:
M-MALE
ROW NO:
1-SINGLE ROW

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	4.60	---	10	20.60	18.00
03	6.60	4.00	11	22.60	20.00
04	8.60	6.00	12	24.60	22.00
05	10.60	8.00	13	26.60	24.00
06	12.60	10.00	14	28.60	26.00
07	14.60	12.00	15	30.60	28.00
08	16.60	14.00	16	32.60	30.00
09	18.60	16.00			

A2008H1M-1XXX0

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

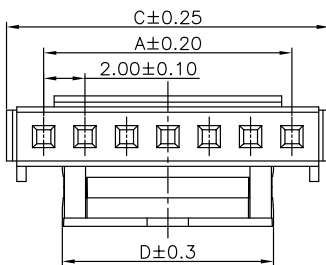
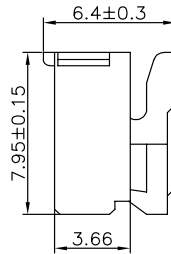
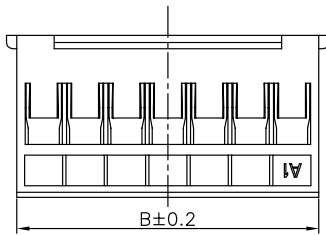
Suitable A2008 series Terminal
Mates With A2008 series Wafer

A2008 H 1 M-1 XX X 0
SERIES NO: H 1 M-1 XX X 0
COLOR:
A-BLACK
S-NATURE
CONNECTOR:
H-HOUSING
TYPE CODE:
PIN Q'PY:
02~20
MALE FEMALE:
M-MALE
ROW NO:
1-SINGLE ROW

Circuits	Dimensions(mm)			
	A	B	C	D
02	---	3.20	4.60	5.60
03	4.00	4.00	6.60	7.60
04	6.00	5.00	8.60	9.60
05	8.00	6.20	10.60	11.60
06	10.00	8.20	12.60	13.60
07	12.00	10.20	14.60	15.60
08	14.00	12.20	16.60	17.60
09	16.00	14.20	18.60	19.60
10	18.00	16.20	20.60	21.60
11	20.00	18.20	22.60	23.60
12	22.00	20.20	24.60	25.60
13	24.00	22.20	26.60	27.60
14	26.00	24.20	28.60	29.60
15	28.00	26.20	30.60	31.60

A2008H2M-1XXX0

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

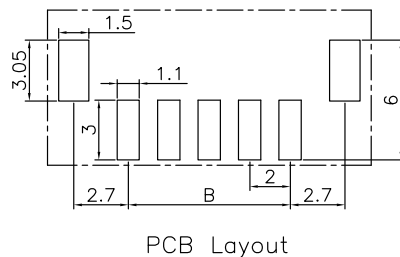
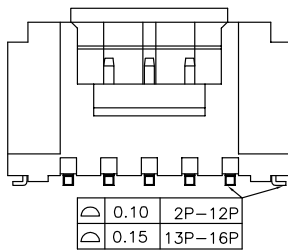
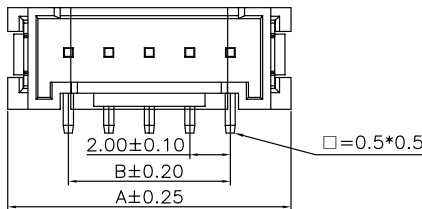
Suitable A2008 series Terminal
Mates With A2008 series Wafer

A2008 H 2 M-1 XX X 0
SERIES NO: A2008 H 2 M-1 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE: M-1
MALE FEMALE: M-MALE
COLOR: A-BLACK
M-BEIGE(高温料)
K-WHITE
PIN Q' PY: 02~20
ROW NO: 1-SINGLE ROW

Circuits	Dimensions(mm)				Circuits	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	4.60	5.60	3.20	12	22.00	24.60	25.60	20.20
03	4.00	6.60	7.60	4.00	13	24.00	26.60	27.60	22.20
04	6.00	8.60	9.60	5.00	14	26.00	28.60	29.60	24.20
05	8.00	10.60	11.60	6.20	15	28.00	30.60	31.60	26.20
06	10.00	12.60	13.60	8.20	16	30.00	32.60	33.60	28.20
07	12.00	14.60	15.60	10.20	17	32.00	34.60	35.60	30.20
08	14.00	16.60	17.60	12.20	18	34.00	36.60	37.60	32.20
09	16.00	18.60	19.60	14.20	19	36.00	38.60	39.60	34.20
10	18.00	20.60	21.60	16.20	20	38.00	40.60	41.60	36.20
11	20.00	22.60	23.60	18.20					

A2008W0-1XX2XXX

Pitch 2.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T/LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

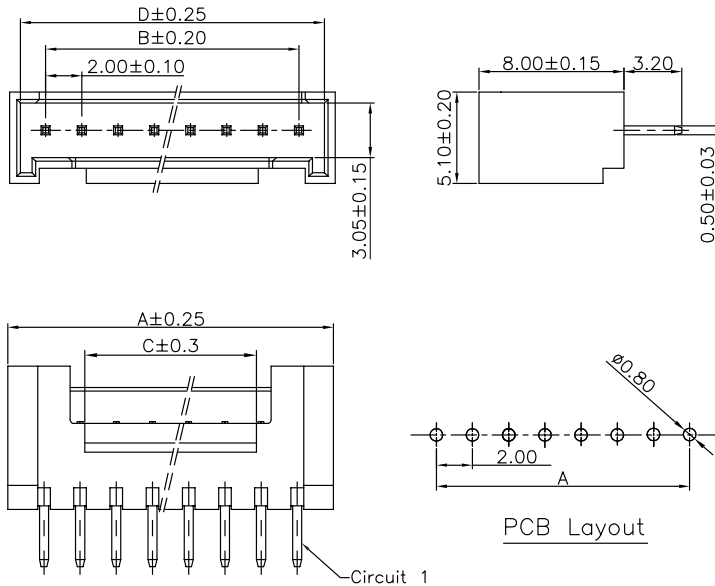
Mates with A2008 series housing

A2008 W 0-1 XX 2 X X X
SERIES NO: A2008 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
WATER CODE: 1-PA9T,UL94V-0
2-LCP,UL94V-0
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
PIN Q' PY: 02~16
TERMINATION: 2-SMT

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	8.00	---	10	24.00	18.00
03	10.00	4.00	11	26.00	20.00
04	12.00	6.00	12	28.00	22.00
05	14.00	8.00	13	30.00	24.00
06	16.00	10.00	14	32.00	26.00
07	18.00	12.00	15	34.00	28.00
08	20.00	14.00	16	36.00	30.00
09	22.00	16.00			

A2008W0-1XX1XX0

Pitch 2.00mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:

Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:

Contacts: Bright tin

Mates with A2008 series housing

SERIES NO: A2008 W 0-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16

COLOR:
A-BLACK
M-BEIGE (高温料)
S-NATURE

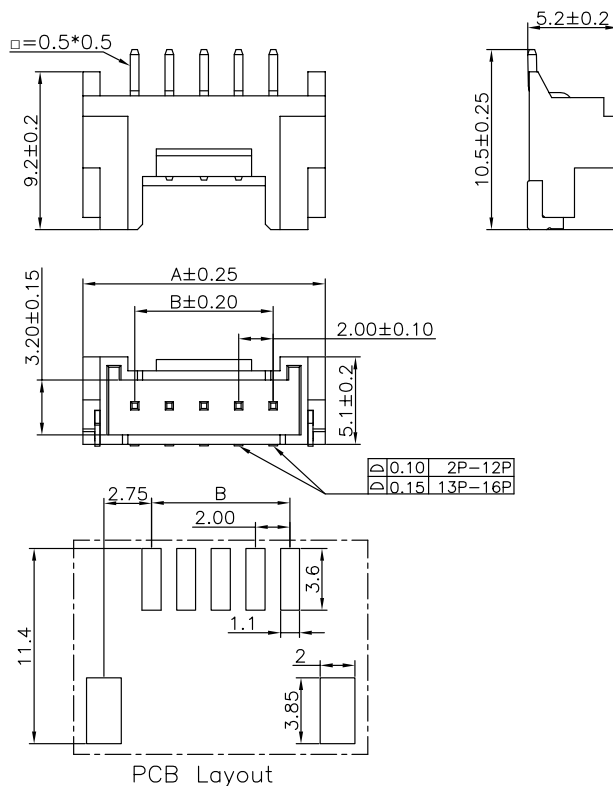
PLATING:
A-ALL AU G/F
C-BRIGHT TIN

TERMIPOINT:
1-DIP

Circuits	Dimensions(mm)				Circuits	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	6.00	---	2.50	4.90	12	26.00	22.00	20.50	24.90
03	8.00	4.00	3.50	6.90	13	28.00	24.00	22.50	26.90
04	10.00	6.00	4.50	8.90	14	30.00	26.00	24.50	28.90
05	12.00	8.00	6.50	10.90	15	32.00	28.00	26.50	30.90
06	14.00	10.00	8.50	12.90	16	34.00	30.00	28.50	32.90
07	16.00	12.00	10.50	14.90	17	36.00	32.00	30.50	34.90
08	18.00	14.00	12.50	16.90	18	38.00	34.00	32.50	36.90
09	20.00	16.00	14.50	18.90	19	40.00	36.00	34.50	38.90
10	22.00	18.00	16.50	20.90	20	42.00	38.00	36.50	40.90
11	24.00	20.00	18.50	22.90					

A2008W9-1XX2XXX

Pitch 2.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:

Housing: PA9T/LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:

Contacts: Bright tin

Mates with A2008 series housing

SERIES NO: A2008 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16

WATER CODE
1-PA9T,UL94V-0
2-LCP,UL94V-0

COLOR:
A-BLACK
S-NATURE

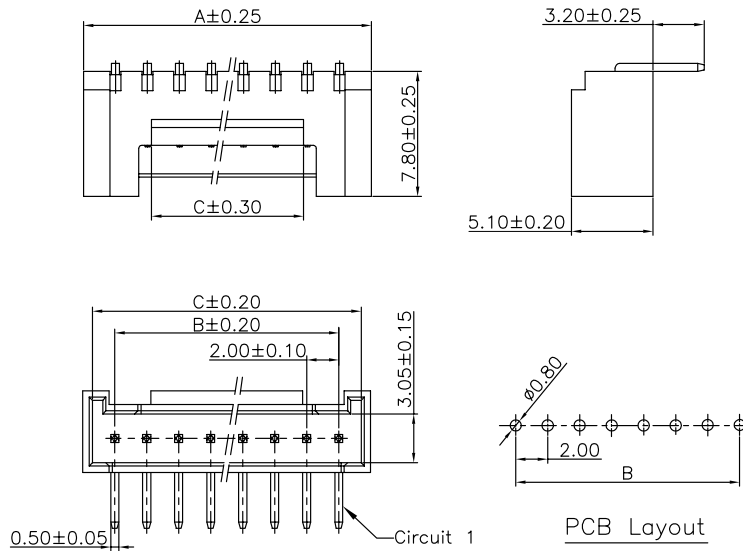
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

TERMIPOINT:
2-SMT

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	8.00	---	10	24.00	18.00
03	10.00	4.00	11	26.00	20.00
04	12.00	6.00	12	28.00	22.00
05	14.00	8.00	13	30.00	24.00
06	16.00	10.00	14	32.00	26.00
07	18.00	12.00	15	34.00	28.00
08	20.00	14.00	16	36.00	30.00
09	22.00	16.00			

A2008W9-1XX1XX0

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2008 series housing

SERIES NO: A2008 W 9-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20

COLOR:
A-BLACK
M-BEIGE (高温料)
S-NATURE

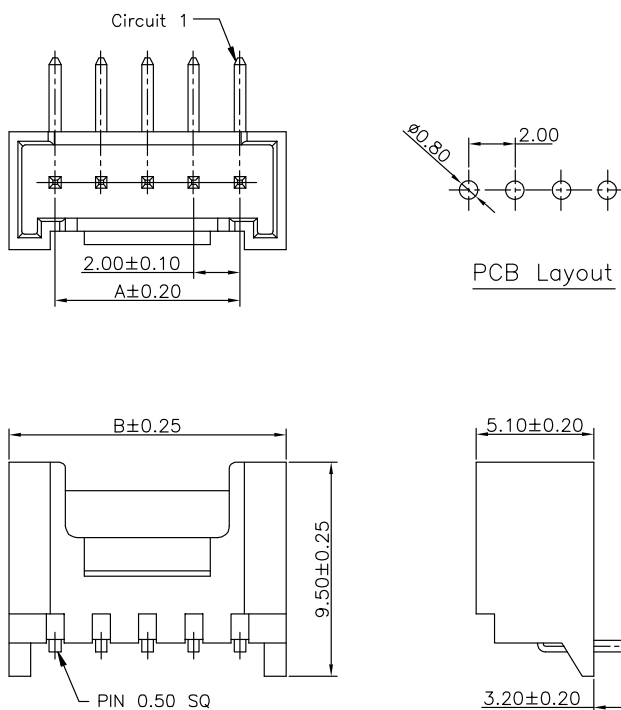
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

Circuits	Dimensions(mm)			Circuits	Dimensions(mm)		
	A	B	C		A	B	C
02	6.00	---	4.90	12	26.00	22.00	24.90
03	8.00	4.00	6.90	13	28.00	24.00	26.90
04	10.00	6.00	8.90	14	30.00	26.00	28.90
05	12.00	8.00	10.90	15	32.00	28.00	30.90
06	14.00	10.00	12.90	16	34.00	30.00	32.90
07	16.00	12.00	14.90	17	36.00	32.00	34.90
08	18.00	14.00	16.90	18	38.00	34.00	36.90
09	20.00	16.00	18.90	19	40.00	36.00	38.90
10	22.00	18.00	20.90	20	42.00	38.00	40.90
11	24.00	20.00	22.90				

A2008W91-1XX1XX0

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2008 series housing

SERIES NO: A2008 W 9 1-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW

COLOR:
A-BLACK
K-WHITE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

PIN Q'PY: 04~32

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	6.00	10	18.00	22.00
03	4.00	8.00	11	20.00	24.00
04	6.00	10.00	12	22.00	26.00
05	8.00	12.00	13	24.00	28.00
06	10.00	14.00	14	26.00	30.00
07	12.00	16.00	15	28.00	32.00
08	14.00	18.00	16	30.00	34.00
09	16.00	20.00			