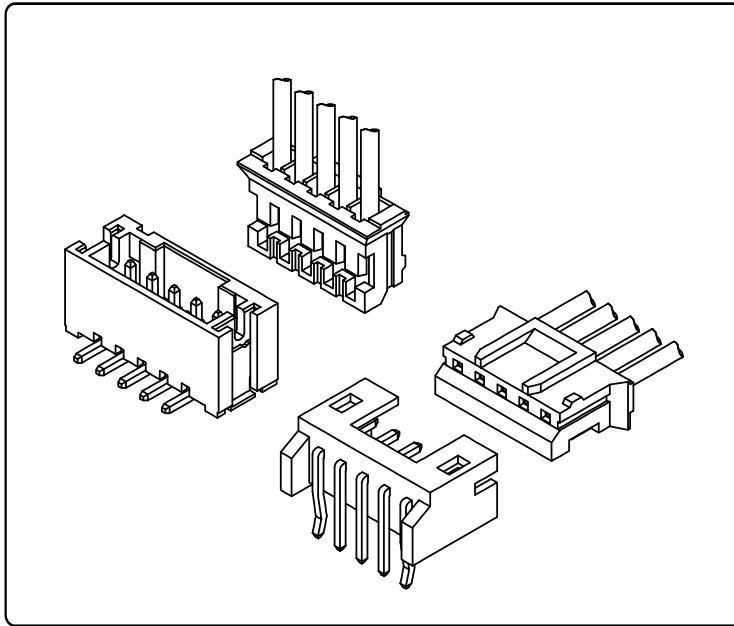


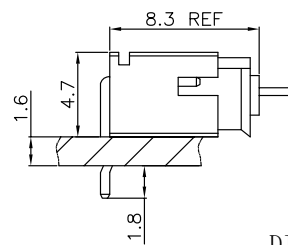
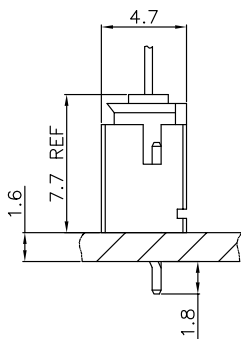


Specifications

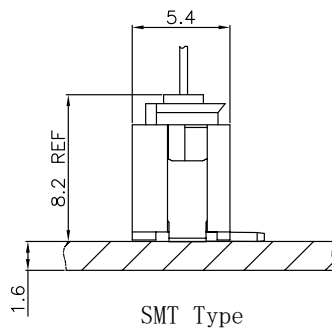
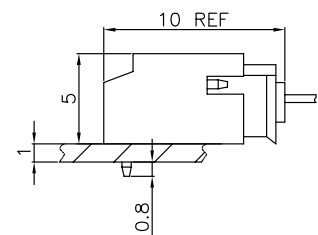
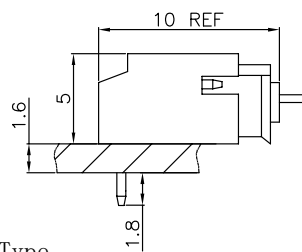
Temperature range: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Voltage rating: 250V
 Current rating: 2A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $1000\text{M}\Omega$ Min
 Withstand voltage: 1000V AC

Assembly layout

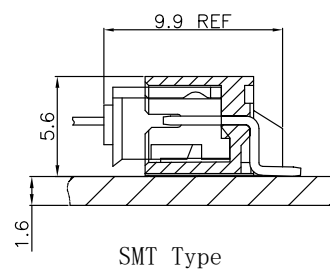
wire to board



DIP Type



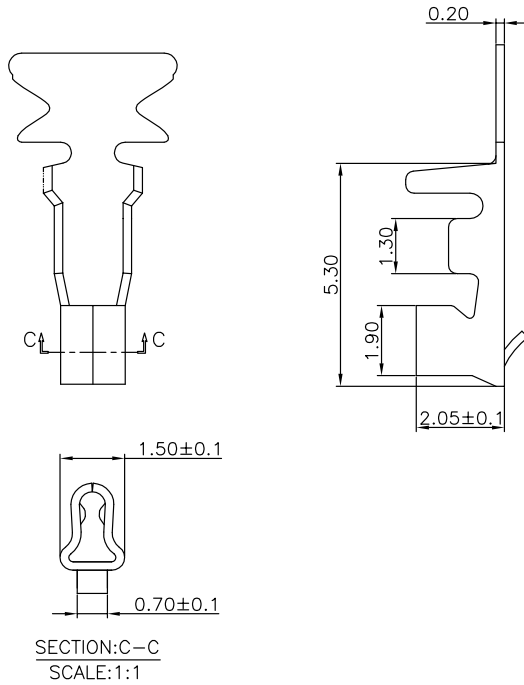
SMT Type



SMT Type

A2001T1FX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

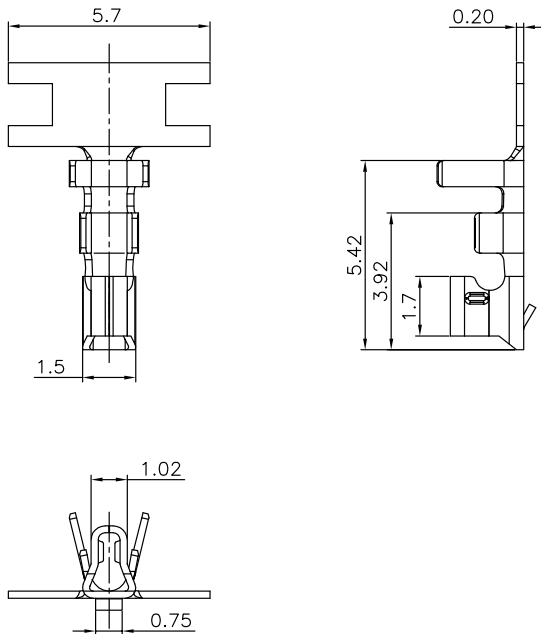
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #24 - #30
SUITABLE A2001 series housing

SERIES NO: A2001 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE
MALE FEMALE: F-FEMALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2001TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

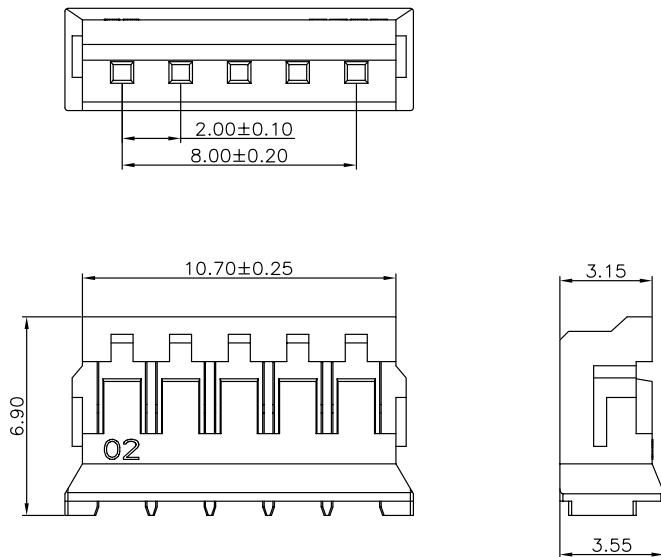
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #22 - #28
Mates A2001 series housing

SERIES NO: A2001 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
F-FE

A2001H1M-105X1

Pitch 2.00mm Single row Housing



Specifications

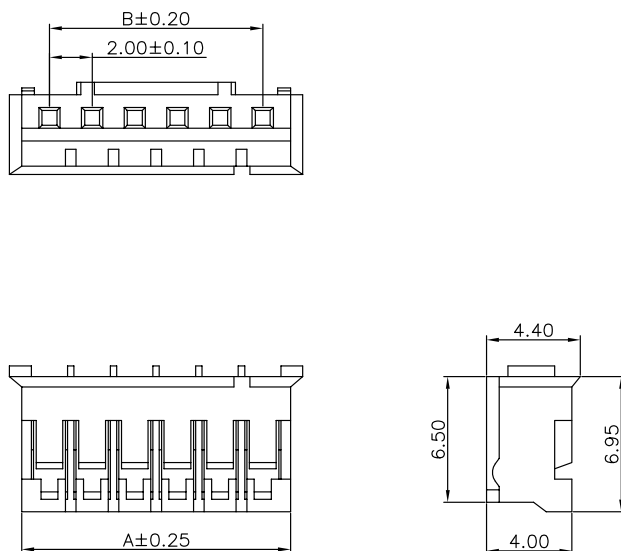
MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2001 series Terminal
Mates With A2001 series Wafer

A2001 H 1 M-1 05 X 1
SERIES NO: A2001
CONNECTOR: H-HOUSING
TYPE CODE: 1
MALE FEMALE: M-1
COLOR: A-BLACK, S-NATURE
PIN Q'PY: 05PIN
ROW NO: 1-SINGLE ROW

A2001HM-1XXXX

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

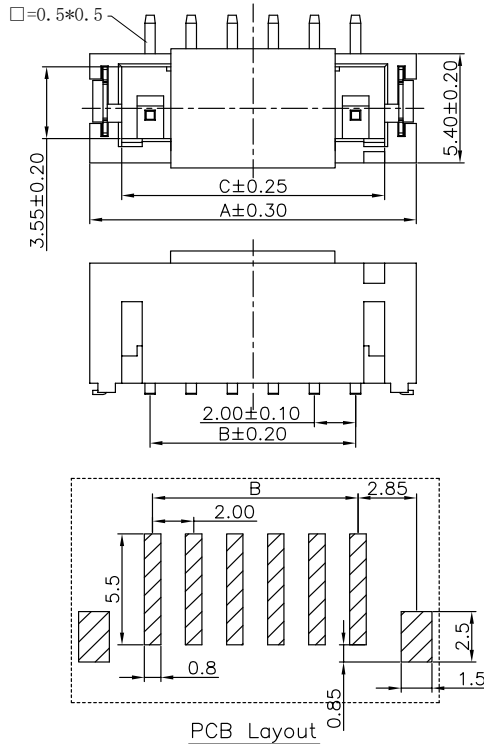
Suitable A2001 series Terminal
Mates With A2001 series Wafer

A2001 H M-1 XX X X
SERIES NO: A2001
CONNECTOR: H-HOUSING
MALE FEMALE: M-1
ROW NO: 1-SINGLE ROW
COLOR: 1-ROHS 2.0, 2-ROHS 2.0+HF
A-BLACK, K-WHITE, S-NATURE
PIN Q'PY: 02~16

Circuit	Dimensions(mm)		Circuit	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			

A2001W0-1XX2XXX

Pitch 2.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: High temperature plastic
Contacts: Brass
Soldering Lug: Brass

PLATING SPECIFICATION:
Contacts: Bright tin
Soldering Lug: Bright tin
Mates with A2001 series housing

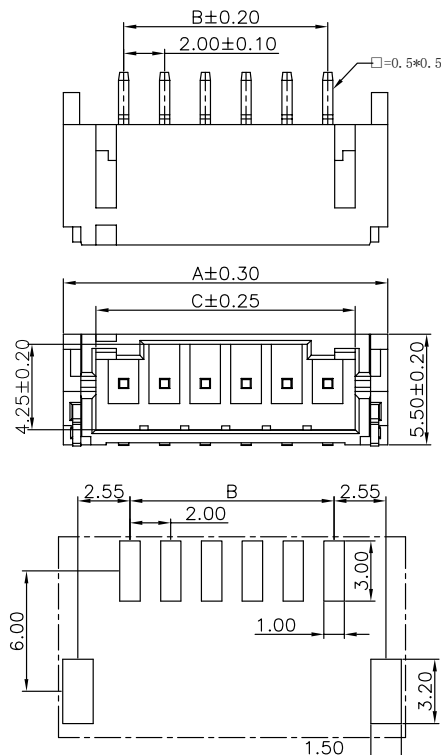
SERIES NO: A2001 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16

WATER CODE
1-PA9T
2-LCP
COLOR:
A-BLACK
K-WHITE
M-BEIGE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT:
2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	7.90	---	4.80	10	23.90	18.00	20.80
03	9.90	4.00	6.80	11	25.90	20.00	22.80
04	11.90	6.00	8.80	12	27.90	22.00	24.80
05	13.90	8.00	10.80	13	29.90	24.00	26.80
06	15.90	10.00	12.80	14	31.90	26.00	28.80
07	17.90	12.00	14.80	15	33.90	28.00	30.80
08	19.90	14.00	16.80	16	35.90	30.00	32.80
09	21.90	16.00	18.80				

A2001W9-1XX2XXX

Pitch 2.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: High temperature plastic
Contacts: Brass
Soldering Lug: Brass

PLATING SPECIFICATION:
Contacts: Bright tin
Soldering Lug: Bright tin
Mates with A2001 series housing

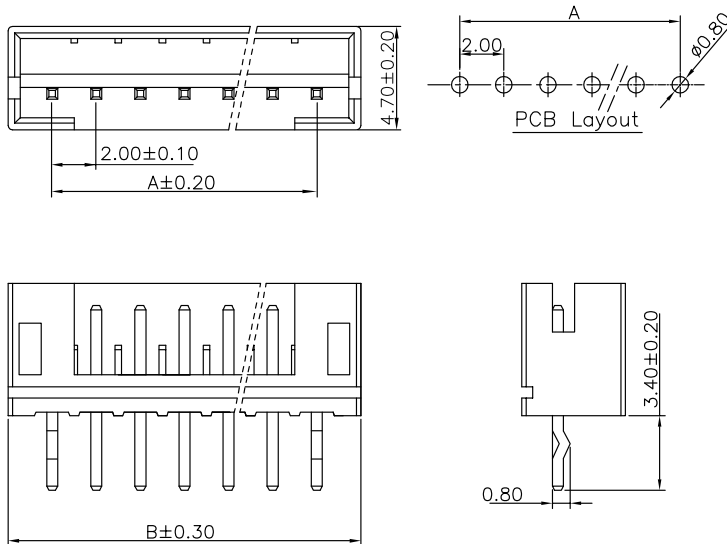
SERIES NO: A2001 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
TERMIPOINT: 2-SMT

WATER CODE
1-PA9T
2-LCP
COLOR:
A-BLACK
K-WHITE
M-BEIGE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	7.90	---	4.80	10	23.90	18.00	20.80
03	9.90	4.00	6.80	11	25.90	20.00	22.80
04	11.90	6.00	8.80	12	27.90	22.00	24.80
05	13.90	8.00	10.80	13	29.90	24.00	26.80
06	15.90	10.00	12.80	14	31.90	26.00	28.80
07	17.90	12.00	14.80	15	33.90	28.00	30.80
08	19.90	14.00	16.80	16	35.90	30.00	32.80
09	21.90	16.00	18.80				

A2001W0-1XX1XXX

Pitch 2.00mm 180° Single row DIP Wafer



Specifications

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

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2001 series housing

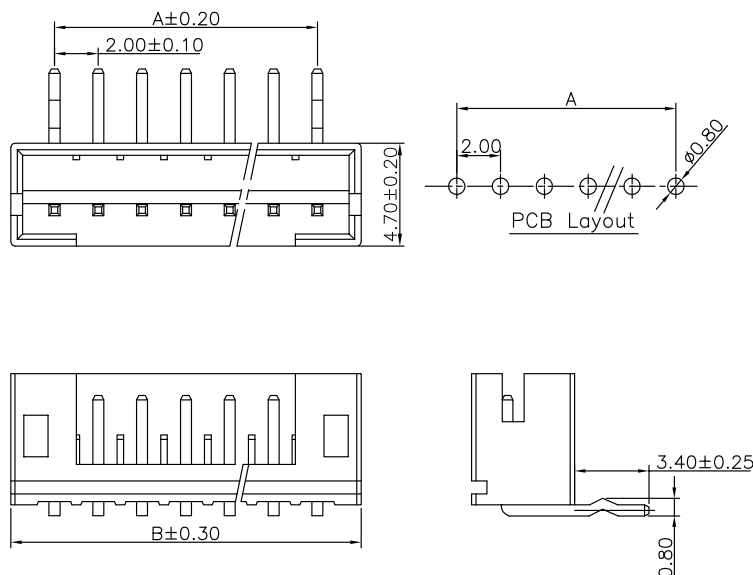
SERIES NO: A2001 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16

TYPE:
1-TYPE A
2-TYPE K
COLOR:
A-BLACK
K-WHITE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
TERMINALPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	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			

A2001W9-1XX1XXX

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

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

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2001 series housing

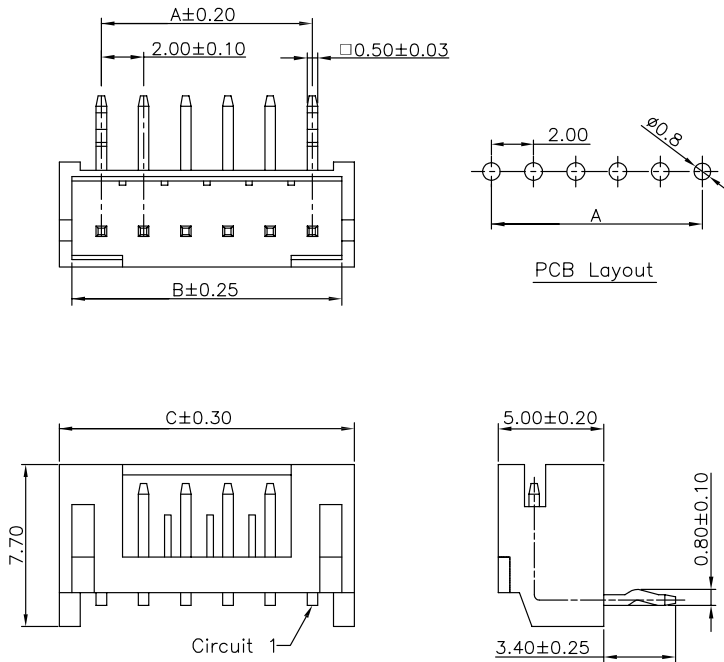
SERIES NO: A2001 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16

TYPE:
1-TYPE A
2-TYPE K
COLOR:
A-BLACK
K-WHITE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMINALPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	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			

A2001W91-1XX1XXX

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:

Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:

Contacts: Bright tin

Mates with A2001 series housing

A2001 W 9 1-1 XX 1 X X X

SERIES NO: W

CONNECTOR: W-WAFER

ANGLE: 9-90°

TYPE: 1-TYPE 1

ROW NO: 1-SINGLE ROW

PIN Q'PY: 02~16

TYPE:
1-TYPE A
2-TYPE K

COLOR:
A-BLACK
K-WHITE

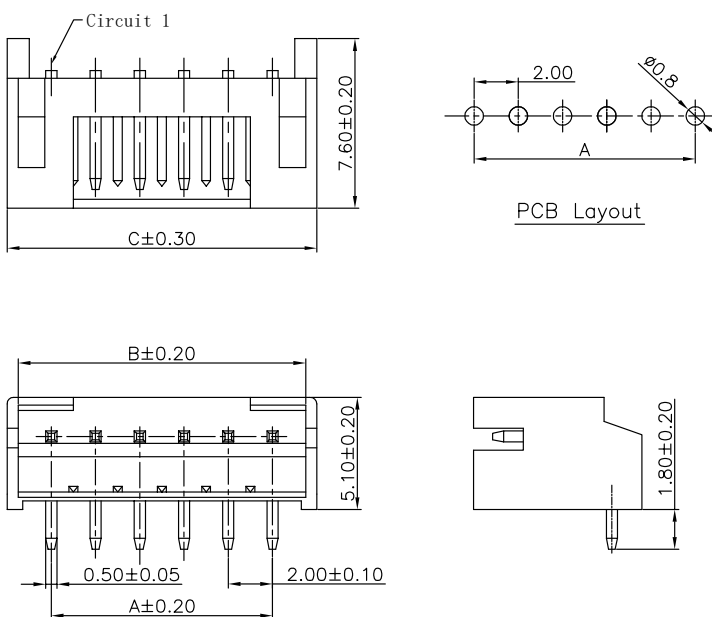
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	5.10	6.10	10	18.00	21.10	22.10
03	4.00	7.10	8.10	11	20.00	23.10	24.10
04	6.00	9.10	10.10	12	22.00	25.10	26.10
05	8.00	11.10	12.10	13	24.00	27.10	28.10
06	10.00	13.10	14.10	14	26.00	29.10	30.10
07	12.00	15.10	16.10	15	28.00	31.10	32.10
08	14.00	17.10	18.10	16	30.00	33.10	34.10
09	16.00	19.10	20.10				

A2001W92-1XX1XX0

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:

Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:

Contacts: Bright tin

Mates with A2001 series housing

A2001 W 9 2-1 XX 1 X X 0

SERIES NO: W

CONNECTOR: W-WAFER

ANGLE: 9-90°

TYPE: 2-TYPE 2

ROW NO: 1-SINGLE ROW

PIN Q'PY: 02~16

COLOR:
A-BLACK
K-WHITE

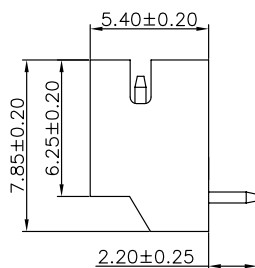
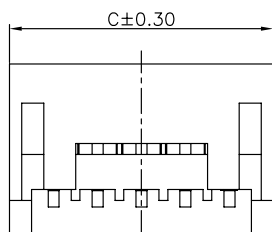
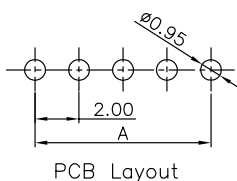
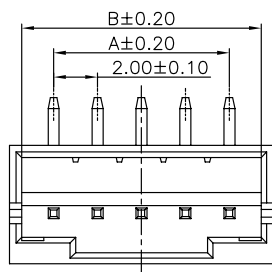
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	5.00	6.00	10	18.00	21.00	22.00
03	4.00	7.00	8.00	11	20.00	23.00	24.00
04	6.00	9.00	10.00	12	22.00	25.00	26.00
05	8.00	11.00	12.00	13	24.00	27.00	28.00
06	10.00	13.00	14.00	14	26.00	29.00	30.00
07	12.00	15.00	16.00	15	28.00	31.00	32.00
08	14.00	17.00	18.00	16	30.00	33.00	34.00
09	16.00	19.00	20.00				

A2001W93-1XX1XX0

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:

Housing: LCP,94V-0

Contacts: Brass

PLATING SPECIFICATION:

Contacts: Bright tin

Mates with A2001 series housing

SERIES NO: A2001 W 9 3-1 XX 1 X X 0
 CONNECTOR: W-WAFER
 ANGLE: 9-90°
 TYPE: 3-TYPE 3
 ROW NO: 1-SINGLE ROW
 PIN Q'PY: 02~16
 COLOR: A-BLACK, S-NATURE
 PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
 TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	4.90	6.00	10	18.00	20.90	22.00
03	4.00	6.90	8.00	11	20.00	22.90	24.00
04	6.00	8.90	10.00	12	22.00	24.90	26.00
05	8.00	10.90	12.00	13	24.00	26.90	28.00
06	10.00	12.90	14.00	14	26.00	28.90	30.00
07	12.00	14.90	16.00	15	28.00	30.90	32.00
08	14.00	16.90	18.00	16	30.00	32.90	34.00
09	16.00	18.90	20.00				