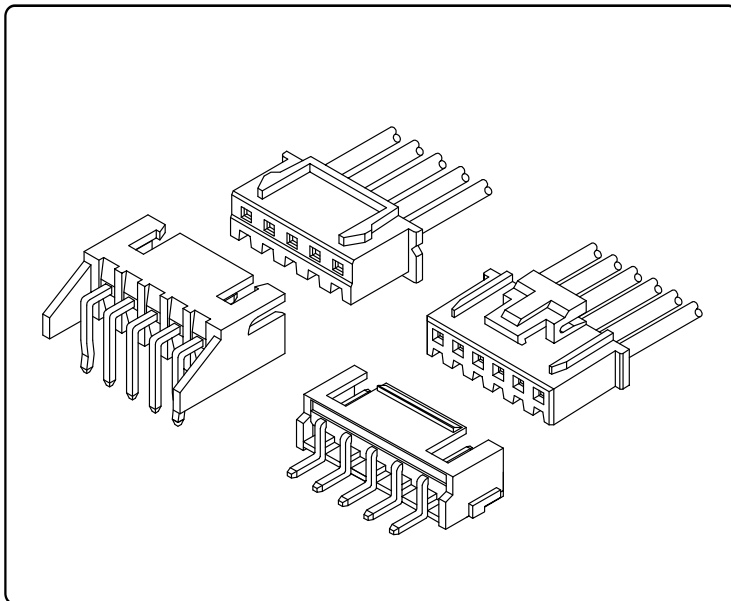




Specifications

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

Voltage rating: 250V

Current rating: 3A

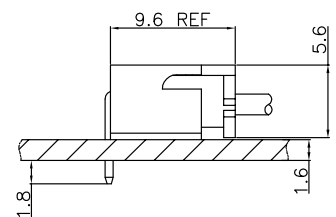
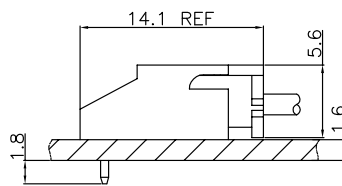
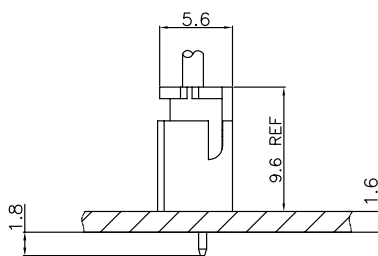
Contact resistance: $10\text{m}\Omega$ Max

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

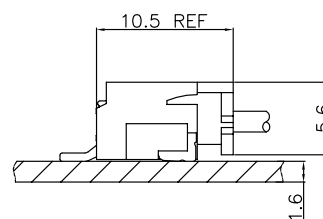
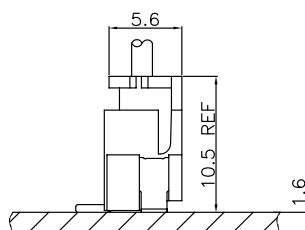
Withstand voltage: 1000V AC

Assembly layout

wire to board



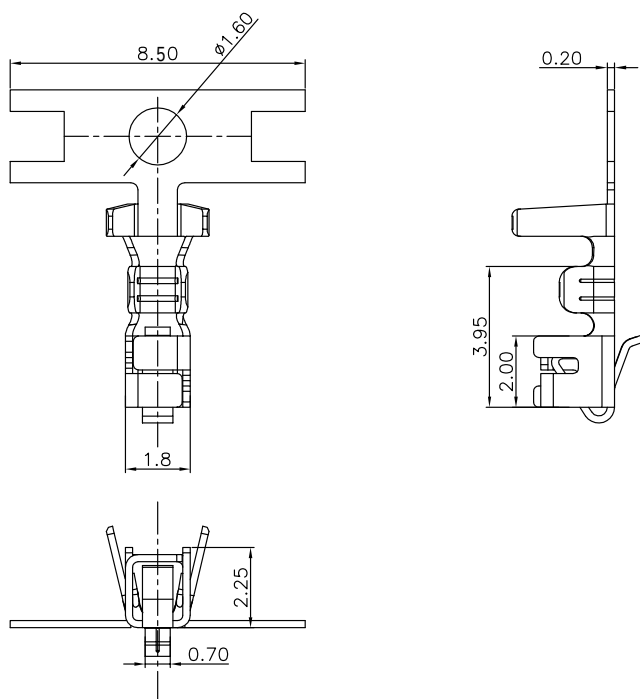
Single row DIP Type



Single row SMT Type

A2501T2FX-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

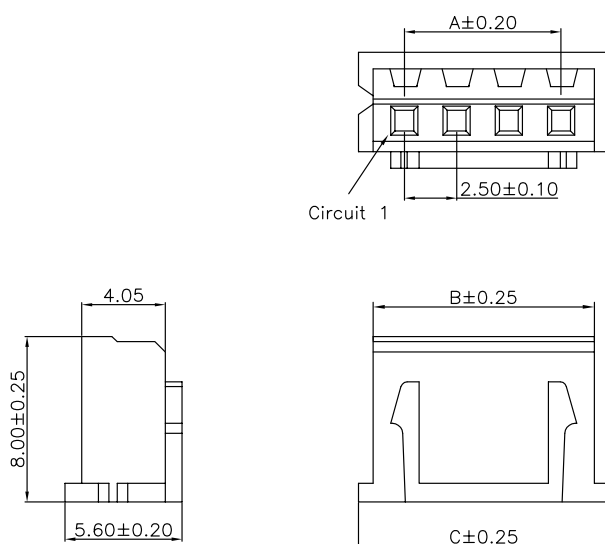
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2501 series housing

SERIES NO: A2501 T 2 F X-X
CONNECTOR: T-TERMINAL
2-TYPE 2
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

A2501H2M-1XXXX

Pitch 2.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

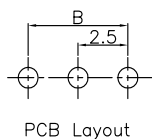
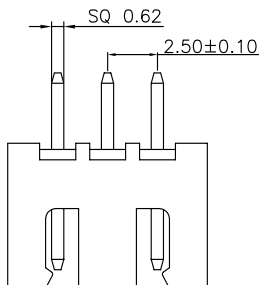
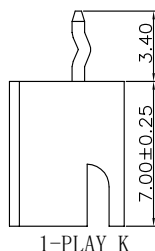
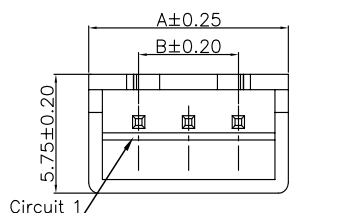
Suitable A2501 series Terminal
Mates With A2501 series Wafer

SERIES NO: A2501 H 2 M-1 XX X X
CONNECTOR: H-HOUSING
2-TYPE 2
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW
WATER CODE
0-N/A
COLOR:
A-BLACK
S-NATURE
PIN Q' PY:
02~16

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	5.60	7.30	10	22.50	25.60	27.30
03	5.00	8.10	9.80	11	25.00	28.10	29.80
04	7.50	10.60	12.30	12	27.50	30.60	32.30
05	10.00	13.10	14.80	13	30.00	33.10	34.80
06	12.50	15.60	17.30	14	32.50	35.60	37.30
07	15.00	18.10	19.80	15	35.00	38.10	39.80
08	17.50	20.60	22.30	16	37.50	40.60	42.30
09	20.00	23.10	24.80				

A2501W0-1XX1XXX

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

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

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
TERMIPOINT: 1-DIP

CHARACTERISTIC:
1-PLAY K
2-NO K

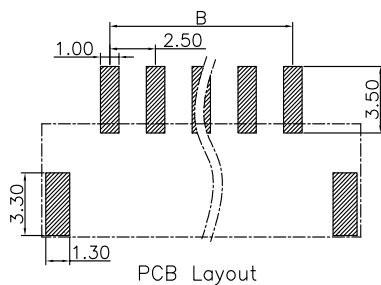
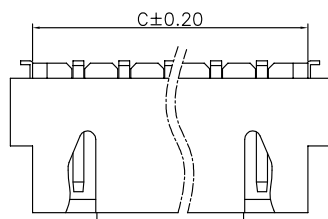
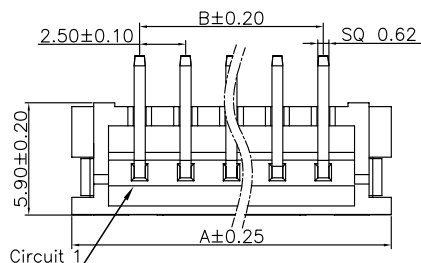
COLOR:
A-BLACK
K-WHITE

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

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	7.50	---	10	27.50	22.50
03	10.00	5.00	11	30.00	25.00
04	12.50	7.50	12	32.50	27.50
05	15.00	10.00	13	35.00	30.00
06	17.50	12.50	14	37.50	32.50
07	20.00	15.00	15	40.00	35.00
08	22.50	17.50	16	42.50	37.50
09	25.00	20.00			

A2501W0-1XX2XXX

Pitch 2.50mm 180° Single row SMT Wafer



Specifications

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

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
TERMIPOINT: 2-SMT

MATERIAL:
1-LCP
2-PA9T

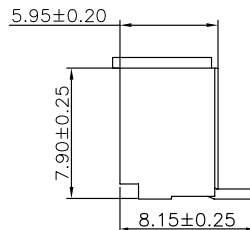
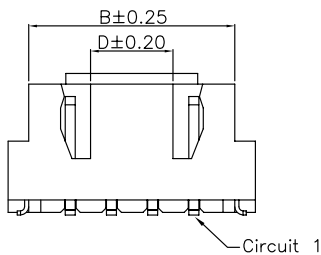
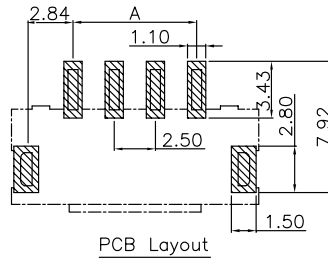
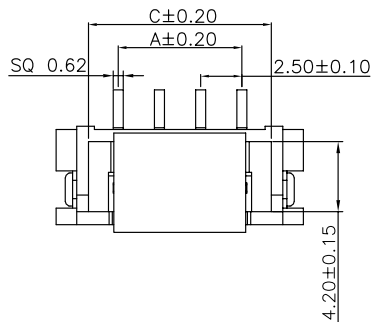
COLOR:
A-BLACK
S-NATURE

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	9.90	---	7.50	10	29.90	22.50	27.50
03	12.40	5.00	10.00	11	32.40	25.00	30.00
04	14.90	7.50	12.50	12	34.90	27.50	32.50
05	17.40	10.00	15.00	13	37.40	30.00	35.00
06	19.90	12.50	17.50	14	39.90	32.50	37.50
07	22.40	15.00	20.00	15	42.40	35.00	40.00
08	24.90	17.50	22.50	16	44.90	37.50	42.50
09	27.40	20.00	25.00				

A2501W01-1XX2XX0

Pitch 2.50mm 180° Single row SMT Wafer



Specifications

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

PLATING SPECIFICATION:
Contacts: Bright tin

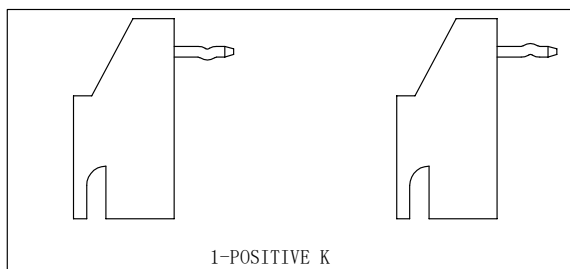
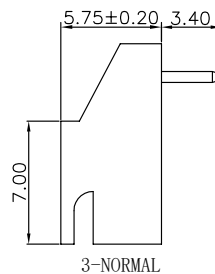
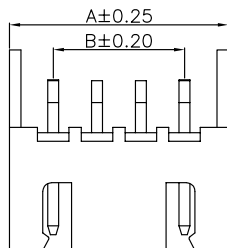
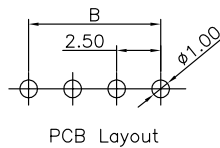
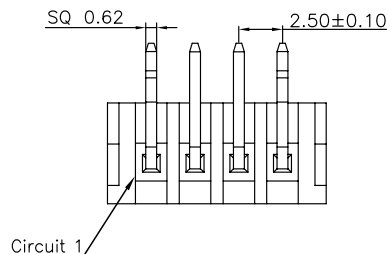
Mates with A2501 series housing

SERIES NO: A2501 W 0 1-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 2-SMT
PIN Q'PY: 02~16

Circuits	Dimensions(mm)				Circuits	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	7.50	6.0	---	10	22.5	27.5	26.0	20.0
03	5.0	10.0	8.5	2.5	11	25.0	30.0	28.5	22.5
04	7.5	12.5	11.0	5.0	12	27.5	32.5	31.0	25.0
05	10.0	15.0	13.5	7.5	13	30.0	35.0	33.5	27.5
06	12.5	17.5	16.0	10.0	14	32.5	37.5	36.0	30.0
07	15.0	20.0	18.5	12.5	15	35.0	40.0	38.5	32.5
08	17.5	22.5	21.0	15.0	16	37.5	42.5	41.0	35.0
09	20.0	25.0	23.5	17.5					

A2501W9-1XX1XXX

Pitch 2.50mm 90° Single row DIP Wafer



Specifications

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

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
CHARACTERISTIC: 1-POSITIVE K
COLOR: A-BLACK, K-WHITE
PLATING: A-ALL AU G/F, C-BRIGHT TIN
TERMIPOINT: 1-DIP
PIN Q'PY: 02~16

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	7.50	---	10	27.50	22.50
03	10.00	5.00	11	30.00	25.00
04	12.50	7.50	12	32.50	27.50
05	15.00	10.00	13	35.00	30.00
06	17.50	12.50	14	37.50	32.50
07	20.00	15.00	15	40.00	35.00
08	22.50	17.50	16	42.50	37.50
09	25.00	20.00			

A2501W9-1XX2XXX

Pitch 2.50mm 90° Single row SMT Wafer

Specifications

MATERIAL SPECIFICATION:

Housing: PA9T/LCP,94V-0

Contacts: Brass

PLATING SPECIFICATION:

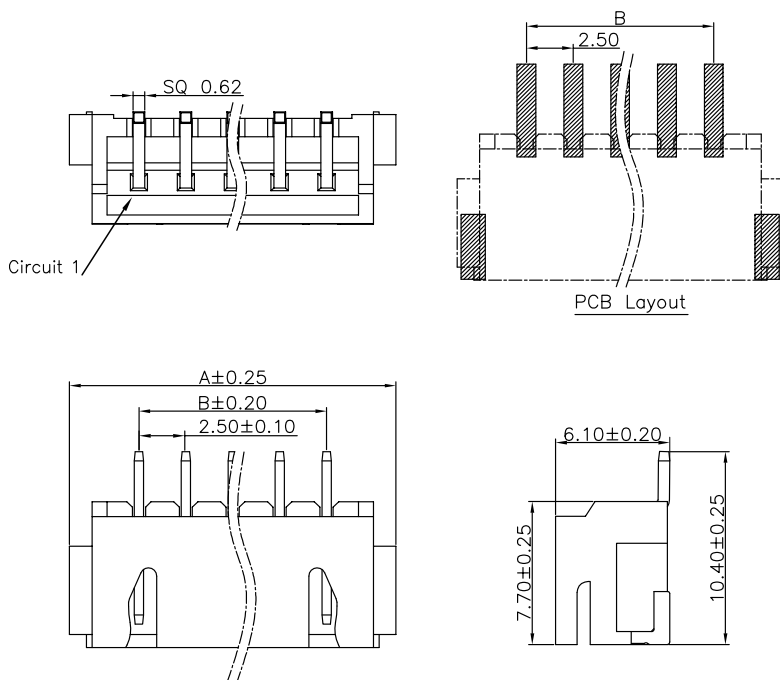
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501
 CONNECTOR: W
 W-WAFER
 ANGLE: 9-90°
 ROW NO: 1
 1-SINGLE ROW
 PIN Q'PY: 02~16
 TERMIPOINT: 2-SMT

HOUSING:
 1.PA9T HF
 2.LCP HF
 3.PA9T
 COLOR:
 A-BLACK
 S-NATURE
 PLATING:
 A-ALL AU G/F
 C-BRIGHT TIN
 D-MATTE Tin

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	9.90	---	10	29.90	22.50
03	12.40	5.00	11	32.40	25.00
04	14.90	7.50	12	34.90	27.50
05	17.40	10.00	13	37.40	30.00
06	22.40	12.50	14	39.90	32.50
07	22.40	15.00	15	42.40	35.00
08	24.90	17.50	16	44.90	37.50
09	27.40	20.00			



A2501W91-1XX2XX0

Pitch 2.50mm 90° Single row SMT Wafer

Specifications

MATERIAL SPECIFICATION:

Housing: LCP,94V-0

Contacts: Brass

PLATING SPECIFICATION:

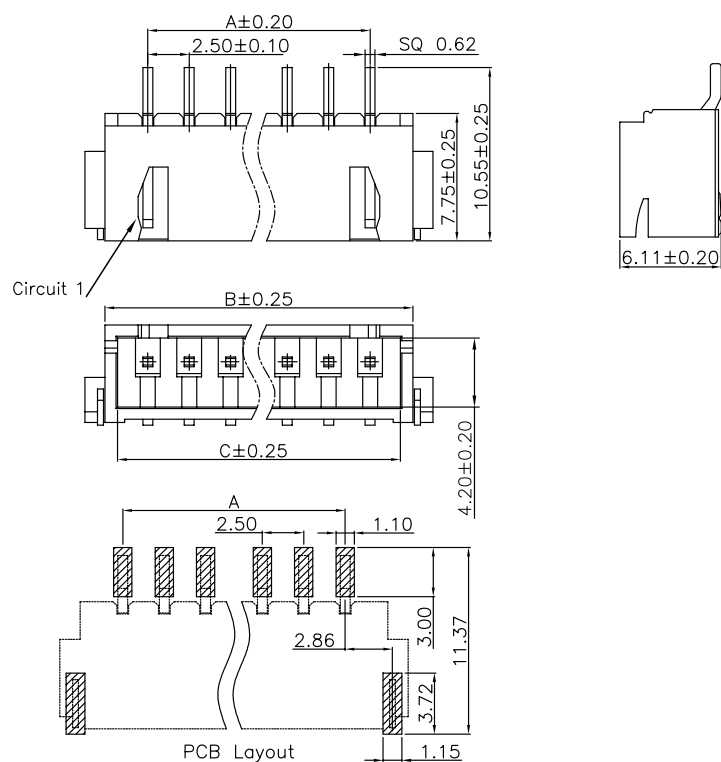
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501
 CONNECTOR: W
 W-WAFER
 ANGLE: 9-90°
 TYPE: 1
 1-TYPE 1
 ROW NO: 1
 1-SINGLE ROW

COLOR:
 A-BLACK
 S-NATURE
 PLATING:
 A-ALL AU G/F
 C-BRIGHE TIN
 D-MATTE Tin
 TERMPOINT:
 2-SMT
 PIN Q'PY:
 02~16

Circuits	Dimensions(mm)			Circuits	Dimensions(mm)		
	A	B	C		A	B	C
02	---	7.50	6.00	10	22.50	27.50	26.00
03	5.00	10.00	8.50	11	25.00	30.00	28.50
04	7.50	12.50	11.00	12	27.50	32.50	31.00
05	10.00	15.00	13.50	13	30.00	35.00	33.50
06	12.50	17.50	16.00	14	32.50	37.50	36.00
07	15.00	20.00	18.50	15	35.00	40.00	38.50
08	17.50	22.50	21.00	16	37.50	42.50	41.00
09	20.00	25.00	23.50				



A2501W93-1XX1XXX

Pitch 2.50mm 90° Single row DIP Wafer

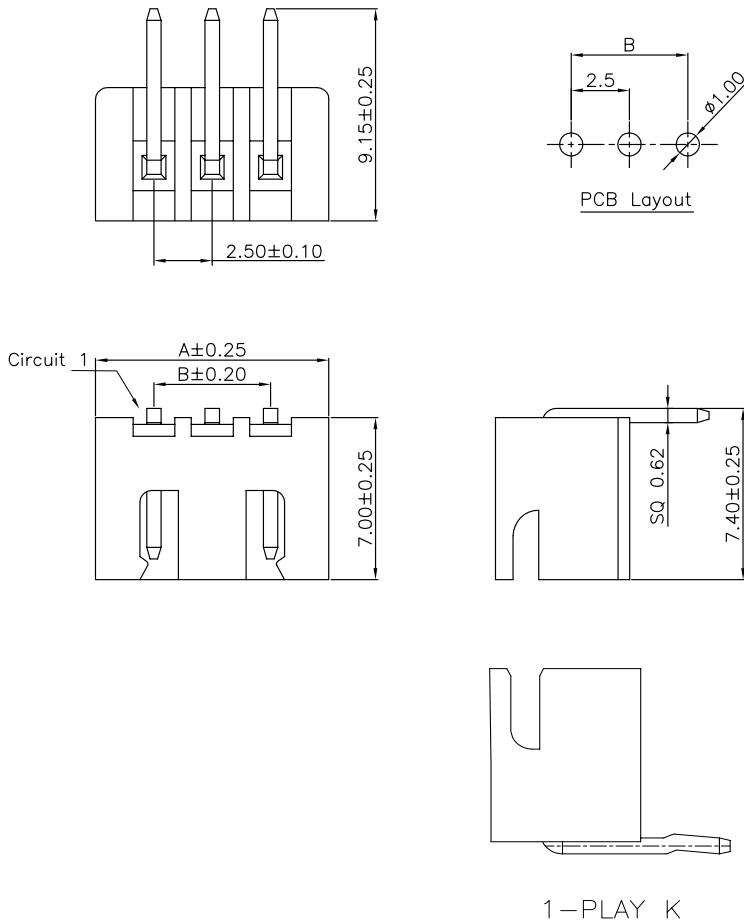
Specifications

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

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501 W 9 6-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 3-TYPE 3
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
CHARACTERISTIC:
0-NORMAL
1-PLAY K
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		A	B
02	7.50	---	10	27.50	22.50
03	10.00	5.00	11	30.00	25.00
04	12.50	7.50	12	32.50	27.50
05	15.00	10.00	13	35.00	30.00
06	17.50	12.50	14	37.50	32.50
07	20.00	15.00	15	40.00	35.00
08	22.50	17.50	16	42.50	37.50
09	25.00	20.00			