

SPECIFICATIONS

- Voltage rating: 125V AC, DC
- Current rating: 1A AC, DC
- Withstanding Voltage: 500V AC/minute
- Insulation resistance: 100MΩ min
- Temperature range: -40°C~+105°C

WAFER

- Part NO: AW1251R-xP
- Material: Pin: Phosphor Bronze/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- Mates with: AH1251 series Housing
- Color: Ivory

A

A

B

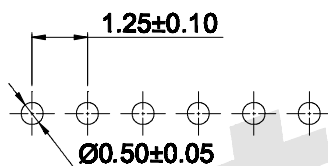
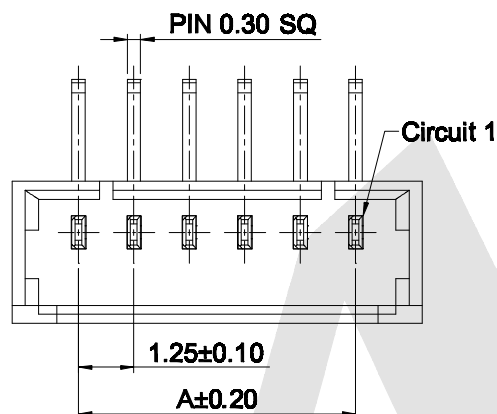
B

C

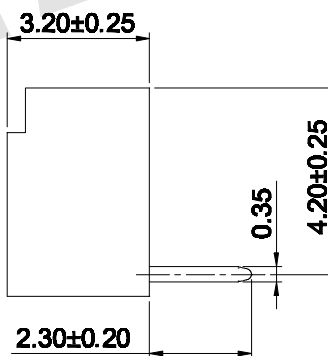
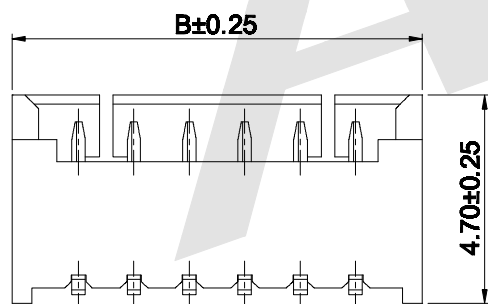
C

D

D



P.C.B LAYOUT



Ordering Information & Dimensions:

Poles	Part No.	Dimensions (mm)	
		A	B
02	AW1251R-02P	1.25	4.30
03	AW1251R-03P	2.50	5.55
04	AW1251R-04P	3.75	6.80
05	AW1251R-05P	5.00	8.05
06	AW1251R-06P	6.25	9.30
07	AW1251R-07P	7.50	10.55
08	AW1251R-08P	8.75	11.80
09	AW1251R-09P	10.00	13.05
10	AW1251R-10P	11.25	14.30
11	AW1251R-11P	12.50	15.55
12	AW1251R-12P	13.75	16.80
13	AW1251R-13P	15.00	18.05
14	AW1251R-14P	16.25	19.30
15	AW1251R-15P	17.50	20.55
16	AW1251R-16P	18.75	21.80
17	AW1251R-17P	20.00	23.05
18	AW1251R-18P	21.25	24.30
19	AW1251R-19P	22.50	25.55
20	AW1251R-20P	23.75	26.80

Unit:mm

Unless Otherwise specified tolerance
 X ±0.35 X, XX: ±0.20
 X, X: ±0.25 X, XXX: ±0.15

SCALE: As Shown UNIT: mm
 DRAW Jack Bao DATE 11/04/2017
 CHECK Bob Yang DATE 11/04/2017



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 E-mail:sales@antenk.com

TITLE: 1.25mm pitch 90° Wafer Connector Series

DRAWING NO: AW1251R-xP

PRODUCT NO: AW1251R-xP

REV	DESCRIPTION	DATE
1		
2		
3		
4		
5		

1 2 3 4 5 6 7 8