

SPECIFICATIONS

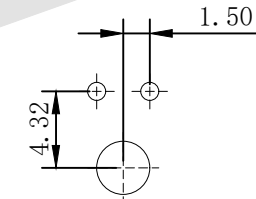
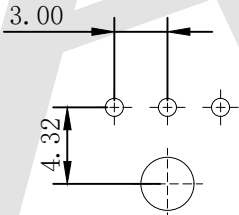
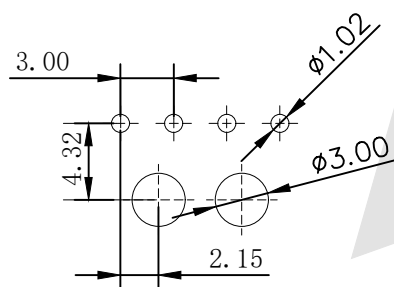
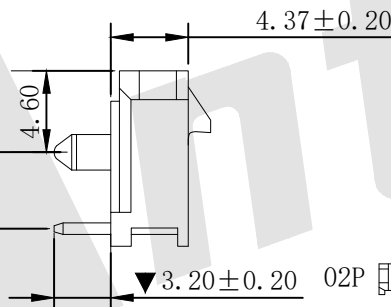
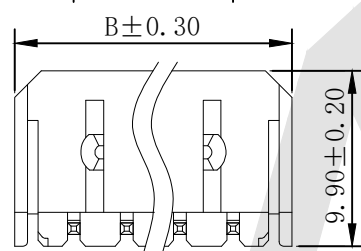
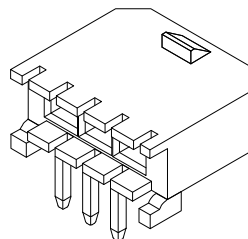
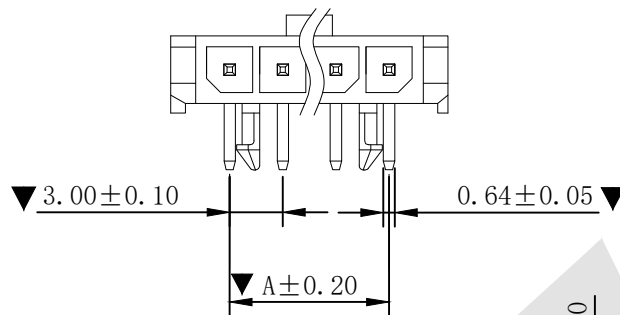
- Voltage rating: 250V AC/DC
- Current rating: 5A, AC/DC
- Withstanding Voltage: 1500V AC/minute
- Insulation resistance: 1000MΩ min
- Temperature range: -25°C~+85°C
- Contact resistance: 20mΩ max

WAFER

- Part NO: AW3045R-1xNP
- Poles: 02-12P
- Housing Material: Nylon66 15%GF UL94 V-0 Black
- Pin Material: Brass
- Contact Area Plating: Tin-Plated
- The Dimension Marked “▼” Must Be Recorded

Ordering information & dimensions:

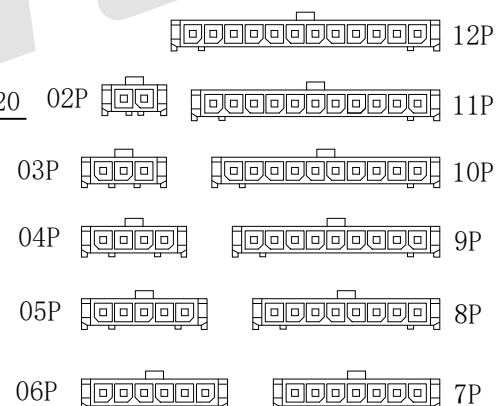
Poles	Part No.	Dimensions (mm)	
		A	B
2	AW3045R-2	3.00	9.65
3	AW3045R-3	6.00	12.65
4	AW3045R-4	9.00	15.65
5	AW3045R-5	12.00	18.65
6	AW3045R-6	15.00	21.65
7	AW3045R-7	18.00	24.65
8	AW3045R-8	21.00	27.65
9	AW3045R-9	24.00	30.65
10	AW3045R-10	27.00	33.65
11	AW3045R-11	30.00	36.65
12	AW3045R-12	33.00	39.65



PCB. LAYOUT: 04P-12P

PCB. LAYOUT: 3 CTK

PCB. LAYOUT: 2 CTK



CIRCUIT SIZE LAYOUT

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: yin chao DATE: 2026/4/3
CHECK: Bob Yang DATE: 2026/4/3



Antenk® ANTENK ELECTRONICS CO., LTD
Http://www.antenk.com
E-mail: sales@antenk.com

TITLE: MX3.0mm 90° Wafer Connector Series

DRAWING NO: AW3045R-1*3P

PRODUCT NO: AW3045R-1*3P

REV DESCRIPTION DATE

1 2 3 4 5 6 7 8