

Mounting nut specifications

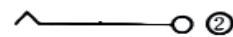
ART.	ØA	ØB
04/02428-00	5.5 mm	2.1 mm
04/02429-00	5.5 mm	2.5 mm

#### Technical requirements:

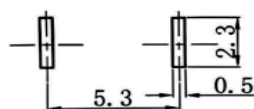
1. The product should not have any wrong installation or missing parts;
2. Parts should be free of cracks, missing materials, flash, dirt and other defects. The coating should be uniform and bright, without rust, blistering, shedding and other defects, and no deformation;
3. The product meets ROHS requirements;
4. Unnoted tolerance  $\pm 0.2$ mm.

#### Main technical parameters:

1. Electrical performance
  - 1.1. Rated voltage and current: 30V - 2A
  - 1.2. Contact resistance:  $\leq 30$ m $\Omega$
  - 1.3. Insulation resistance:  $\geq 100$ M $\Omega$
  - 1.4. Withstand voltage: AC500V/1 min
2. Mechanical performance
  - 2.1. Insertion force: 3~22N
  - 2.2. Pull-out force: 3~22N
  - 2.3. Durability: 5000 times
3. Environmental performance
  - 3.1. Working temperature:  $-40^{\circ}\text{C} \div +85^{\circ}\text{C}$
  - 3.2. Storage temperature:  $-40^{\circ}\text{C} \div +85^{\circ}\text{C}$
4. Production, process and packaging requirements
  - 4.1. Resistance to welding heat:  $265 \pm 5^{\circ}\text{C} / 3 \sim 5$ s



Circuit Schematic



Recommended PCB board opening size

6		Nuts	1Pcs	Zinc Alloy		Nickel Plating	
5		Bushing	1Pcs	brass	H62	Nickel Plating	
4		Shrapnel	1Pcs	brass	H62 T=0.5	Copper tin plating	
3		Contact piece	1Pcs	brass	H62 T=0.4	Copper tin plating	
2		Mandrel	1Pcs	brass	H62 $\phi 2.0$	Nickel Plating	
1		Base	1Pcs	PA66		black	