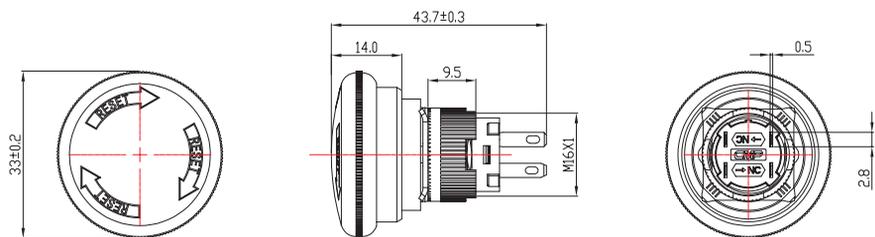
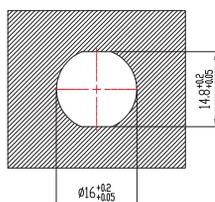


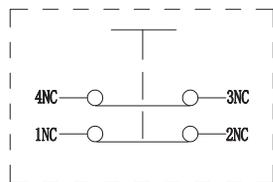
产品外形尺寸图：



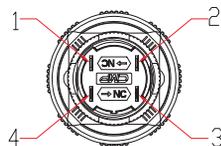
安装孔尺寸：



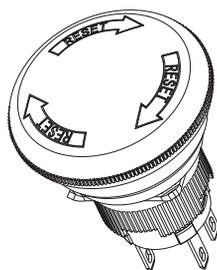
原理图：



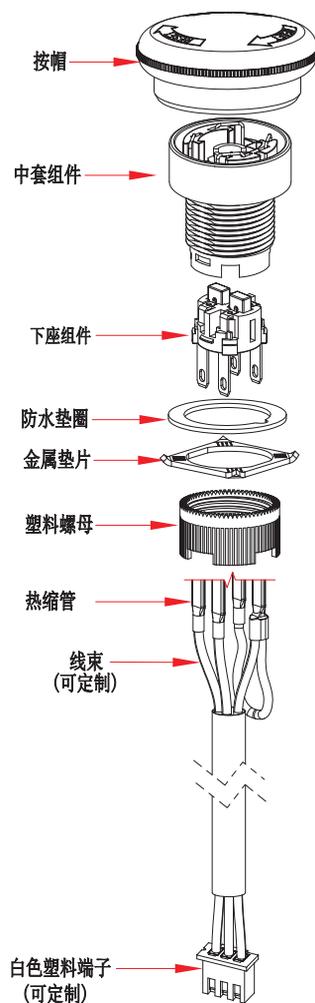
焊接面



轴测图：



分解图：



主要技术参数、性能

The Main Thchnology Performance

项目 Item	参数 Parameter	项目 Item	参数 Parameter
额定电压、额定电流 Rated Insulation voltage Rated Thermal current	AC/DC 250V 3A	动作力 Operating Force	按下Press 8.0± 1.5 N 复位Spring -return 3±1N
使用温度 Ambient temperature	-25°C ~+55°C	电气寿命 Endurance	100000次
绝缘电阻 Insulated resistance	≥100MΩ	动作方式 Action Mode	自动锁止 Momentary
接触电阻 Contact resistance	≤25mΩ	开关行程 (mm) Route Of Trave	动作行程Action travel 3.0± 0.3mm 超行程Excess travel
LED寿命 LED Endurance		防护等级 IP Grade	Ip65
材料 Material Science	塑料 / 不锈钢 / 磷铜	螺母扭力 Nut Torsion	1.5±0.5N.m

1.外观检测

Surface Testing

项 目 Item	测 试 标 准 Test Standard	规 格 Specification
1.1 外观标识 Surface Marks	外观良好, 应标有厂商标志、产品型号、电气参数等标志 Good appearance factory logo, modle, electrical parameter and etc.	良 好 <u>Good</u>
1.2 外形安装尺寸 The mounting and overall dimension	尺寸符合图纸要求, 能顺利安装 Meet the drawing, easy to install	符合图纸 Meet the drawing

2.电气性能规格

Electrical Characteristics Specification

项 目 Item	测 试 标 准 Test Standard	规 格 Specification
2.1 接触电阻 Contact Resistance	接触电阻 $\leq 25\text{m}\Omega$ 25m Ω max.	25 毫欧以下 25m Ω max.
2.2 绝缘电阻 Insulation Resistance	绝缘电阻 $\geq 100\text{M}\Omega$ 100M Ω min.	100 兆欧以上 100M Ω min.
2.3 耐电压 Voltage Resistance	输入 AC 2500V 50/60Hz 电压, 历时1 分钟。 按以下接触方式测试: (1) 接线端相互之间; (2) 接线端与外壳之间。 At 2500VAC, 50/60Hz for 1 minute, pls test according to below methods. 1> between terminals 2> between terminal and housing	无击穿闪烁现象 No breakdown and flash
2.4 电气间隙 Electrical Gap	带电体与易于触及的金属之间的最短空间距离为 $\geq 0.8\text{mm}$ The shortest space between electrified body and metal is 0.8mm	电气间隙 $\geq 0.8\text{mm}$ Electrical gap is 0.8mm

2.5	过载 Overload	1.25 倍额定电流, 1.1 倍额定电压 At 1.25 times rated current, 1.1 times rated voltage	无异常 Normal

3.机械性能规格

Mechanical Characteristics Specification

项 目 Item		测试标准 Test Standard	规格 Specification
3.1	结构 Structure	操作机构灵活, 无卡死现象, 复位灵活, 手感良好 Operating part is nimble and easy to relocated, which has smooth feeling	符合测试条件 Meet the test condition
3.2	振动试验 Vibration test	5 ~ 55Hz, 双振幅0.75mm 5 ~ 55Hz, double-amplitude 0.75mm	符合测试条件 Meet the test condition
3.3	球压试验 Ball pressure Test	不易触及的非带电部件50 易触及的部件经75 , 1小时后压痕 ≤ 2.0mm The load-depth curve is 2.0 mm or lower than 2.0 mm by non-electrified parts which is hard to contact at temperature with 50 and live parts which easy to contact at temperature with 75	球压≤2.0mm The load-depth curve is 2.0 mm max..
3.4	阻燃试验 Flame Retardation Test	固定带电体的材料阻燃性符合 UL 标准 V0 级 The flame retardant material of fixed electrified body meets Vo grade of UL standard	符合UL 标准 V0 级 Meet Vo grade of UL standard

4.耐久性规格

Durability Specification

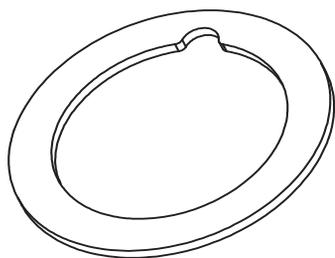
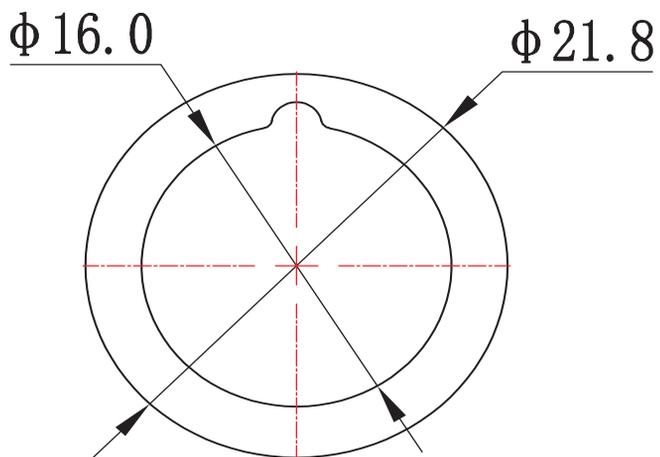
项 目 Item		测试标准 Test Standard	规格 Specification
4.1	寿命试验 Life Test	接3A 250V AC/DC负载连续循环100000次后, 仍能正常工作 Still work over 100000 circles at 3A 250V AC/DC	100000 min.life

4.2	温升 Temperature Rise	在额定电流、环境温度为 $25\pm 10^{\circ}\text{C}$ 下温升试验 Temperature rise test to be performed at rated current and at $25\pm 10^{\circ}\text{C}$ environmental temperature	温升 $\leq 30\text{K}$ 30K max.
4.3	耐冷试验 Cold Tolerance Test	放置在环境温度 $-25\pm 5^{\circ}\text{C}$ 下48小时后, 再放置在正常温度中1小时后进行测试 After conditioning for 48 hours at $-25\pm 5^{\circ}\text{C}$ environmental temperature, the test in 1 hour at normal temperature	外观无异常, 能满足机械、电气性能 Housing is normal, meet the mechanical and electrical characteristics.
4.4	耐热试验 Hot Tolerance Test	放置在环境温度 $55\pm 5^{\circ}$ 中48小时后, 再放置在正常室温中1小时后进行测试 After conditioning for 48 hours at $55\pm 5^{\circ}\text{C}$ environmental temperature, then test in 1 hour at normal temperature	
4.5	潮湿试验 Humidity Test	放置在 $40\pm 2^{\circ}\text{C}$ 的相对湿度为 80%~85% 环境中96小时后, 再放置在正常室温中1小时进行测试 After conditioning for 96 hours at $40\pm 2^{\circ}\text{C}$ with relatively humidity with 80%~85%, then test in 1 hour at normal room temperature	

5.附加项

Attachment

MK系列:



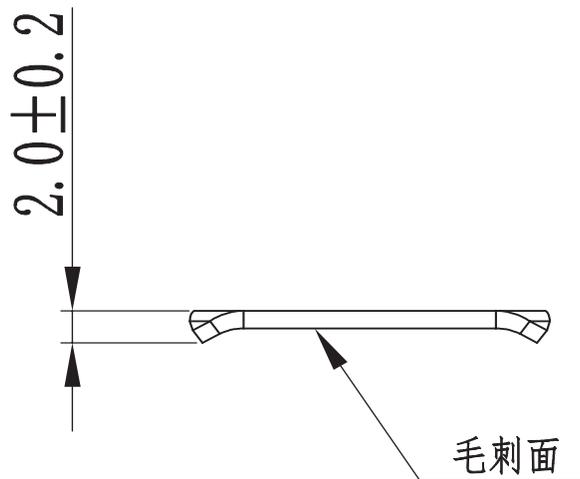
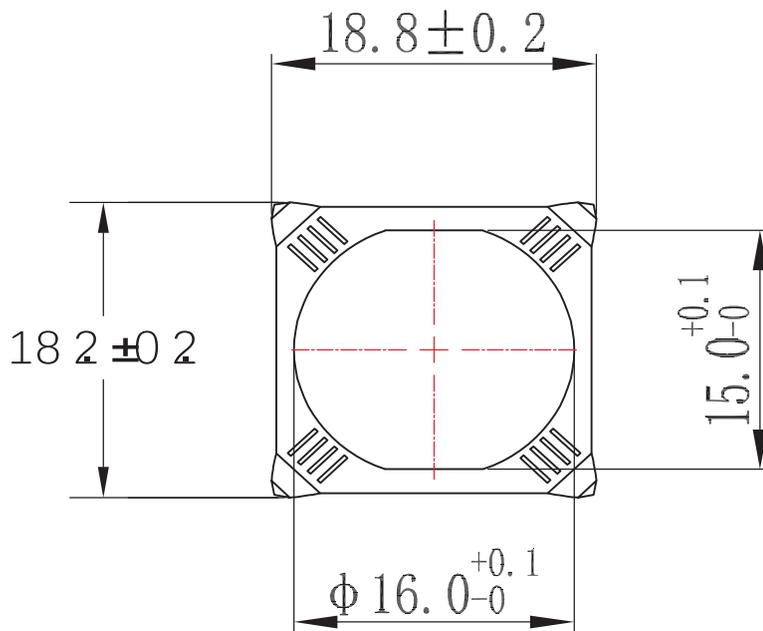
受控文件

2022.06.13

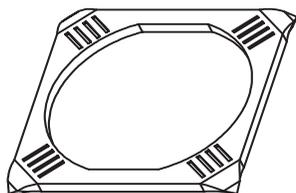
技术要求

1. 表面光洁, 无毛刺, 无缺料.
2. 其余按公差技术条件.
3. 未标注圆角均为R0.3

MK系列:



受控文件
2022.06.13



技术要求

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2. 其余按公差技术条件.
3. 未标注圆角均为R0.3

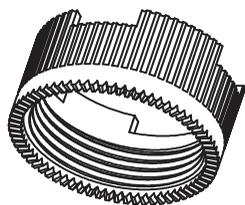
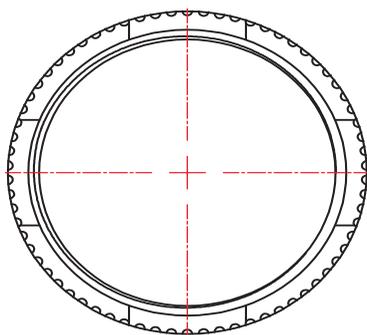
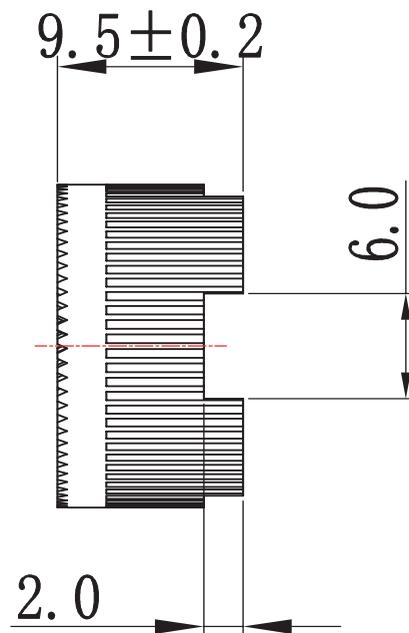
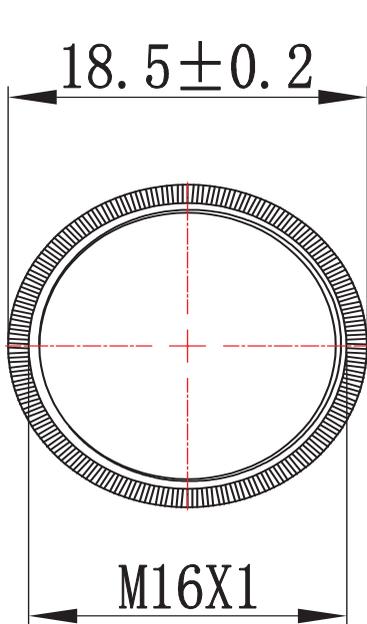
修正次数

修正内容

修正人

修正日期

MK系列:



受控文件

2022.06.13

技术要求

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2. 其余按公差技术条件.
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