



WDF Series Buzzer
WDF 系列蜂鸣器



断续发声
Deep waterproofing



连续发声
Continuous vocalization



底座耐温阻燃
Flame retardant

IP55
IP67

防水等级
Waterproof level



多种发光颜色
Multiple luminous colors



无极灯珠
Promise lamp beads



交直流通用
AC and DC



内置降压电阻
Built-in buck resistor



内置防水圈
Built-in waterproof ring



Screw end wiring, convenient and fast
螺丝端接线，方便快捷



CNC processing, exquisite appearance
CNC 加工，精致外观



Large aperture, high brightness
大光圈，高亮度



Environmentally friendly sealing ring, brass nut
环保密封圈，黄铜螺母

Model Description 型号说明

WD	16	F	-	P	0	D	-	E	-	R	12	-	S				
Enterprise code 企业代号	Serial Number 系列号	Wiring method 接线方式		Type of glow 发光类型		LED Voltage LED 电压 (V)			Mounting diameter 安装直径	Head shape 头部形状		Phonation type 发声类型		Glowing color 发光颜色		Housing material 外壳材质	
		1	Welding pin 焊接插针	E	With lights 带灯	DC5V、12V、24V、48V				P	Crew cut 平头	L	连续发声	Red 红 R (Factory default colors 出厂默认颜色)		S	Stainless Steel 不锈钢
		0	Screw end 螺丝端		No lamp 无灯	AC110V、220V						D	断续发声	Customizable in other colors 可定制其他颜色		N	Brass is nickel-plated 黄铜镀镍
								Customize 定制		16						A	Aluminum oxidation 铝氧化
										19							
										22							
										Customized 定制							



Representation: WD16F flat head, screw end, intermittent sound, with light, red, 12V, stainless steel, model: WD16F-P0D-E-R12-S.
表示方式: WD16F 平头、螺丝端、断续发声、带灯、红色、12V、不锈钢，型号为: WD16F-P0D-E-R12-S。

Technical parameters 技术参数

Parameters of the switch 开关参数说明

Mounting hole diameter 安装孔直径	19~19.2mm
Operating voltage 工作电压	AC/DC 6V、12V、24V、110V、220V
Operating Current: 工作电流	15~35mA
Glowing color 发光颜色	红色 /Red
Waterproof rating 防水等级	IP67 at the end of the button 按键端 IP67
Ambient temperature 环境温度	-30℃ ~85℃
Form of workeraure 工作形式	Continuous/intermittent vocalization (optional) 连续发声 / 断续发声 (可选)
Compressive strength 耐压强度	Pins and housings 2500VAC 20mA/min 引脚与外壳 2500VAC20mA/min
Base material 基座材质	Modified nylon PA66 改性尼龙 PA66
Dielectric strength 绝缘强度	≥ 100MΩ 500VDC /h
PIN pin stylePIN 脚样式	Screw crimping terminal The maximum diameterof the threading hole is 2.4mm 螺丝压线端子 穿线孔最大通过线径 2.4mm
Housing material 外壳材质	SUS304/Brass nickel-plated/aluminum alloy anodizedSUS304/ 黄铜镀镍 / 铝合金阳极氧化
End aperture materia 光圈材质	PC&SUS316 聚碳 & 不锈钢 SUS316
Electrical life 电气寿命	40000h
Loudness/frequency 响度 / 频率	80~100dB/2300 ± 300Hz

Physical appearance 实物外观



WD16F



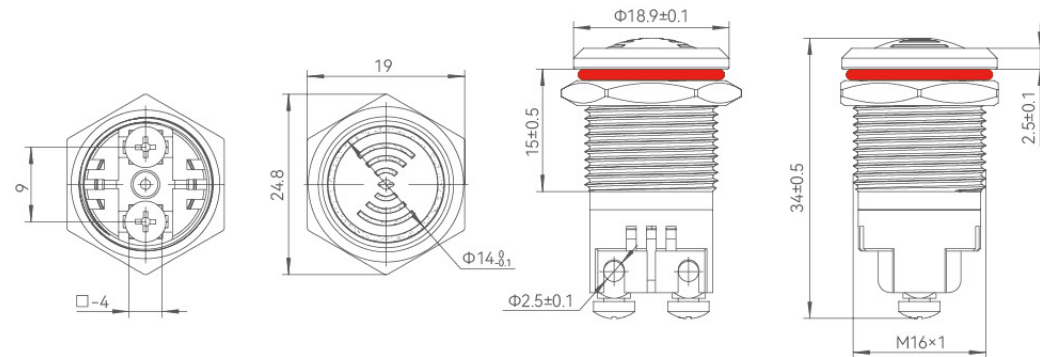
WD19F



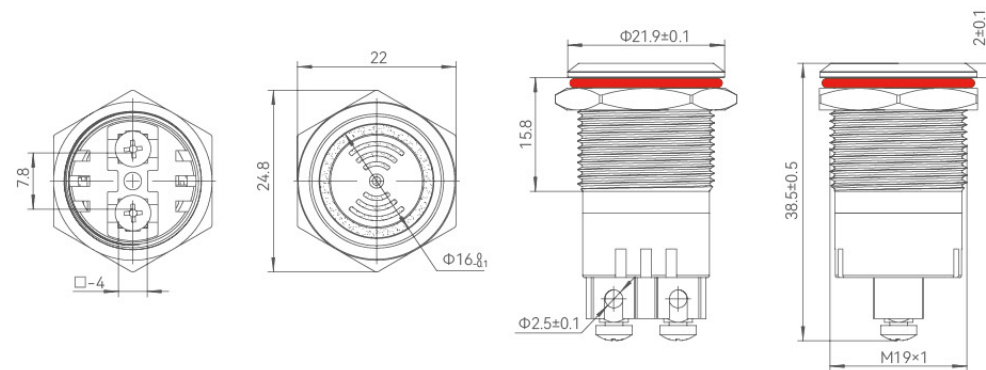
WD22F

External dimensions 外形尺寸

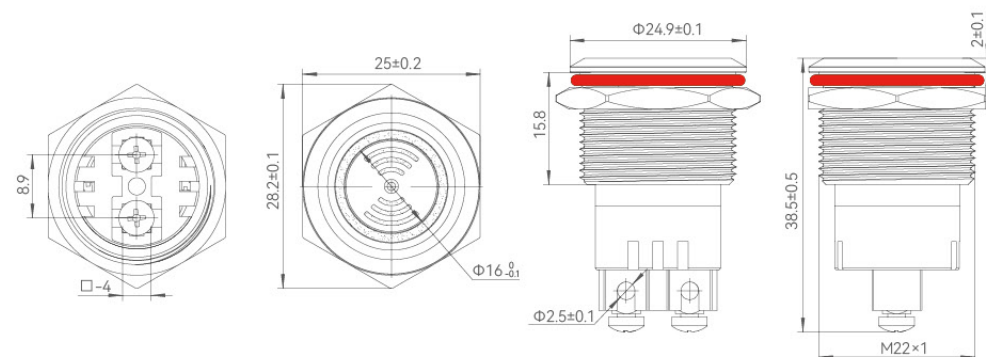
WD16F



WD19F

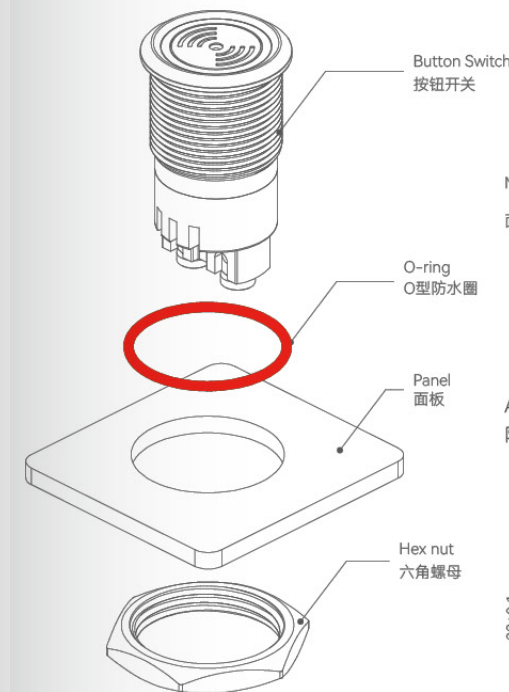


WD22F

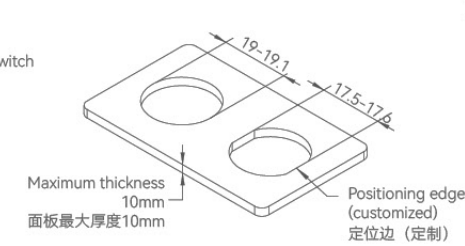


The type of key 开关附件

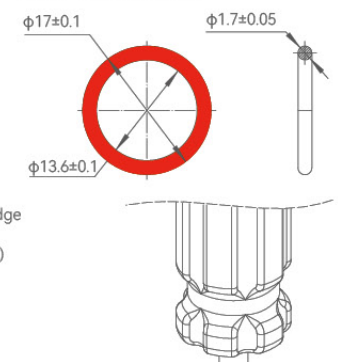
Installation method diagram
安装方式示意图



Panel opening size
面板开孔尺寸



Attachment: O-shaped silicone waterproof ring
附件: O型硅胶防水圈



Attachment: Hexagonal Nut
附件: 六角螺母

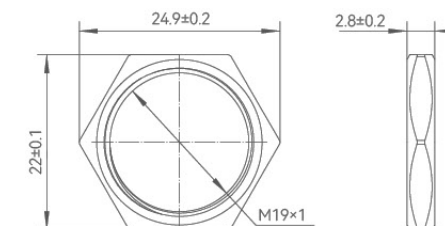
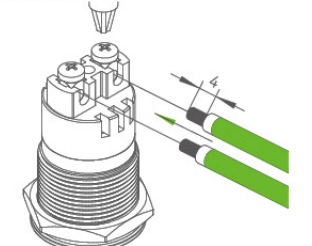


Diagram of wiring harness installation
线束安装图示
The maximum diameter of the threading hole is 2.4mm
穿线孔最大通过直径2.4mm



⚠ Please refer to the specifications when wiring, and do insulation protection when working with electricity!
接线时请参考规格书, 带电作业请做好绝缘防护!

Electrical schematic 电气原理图

