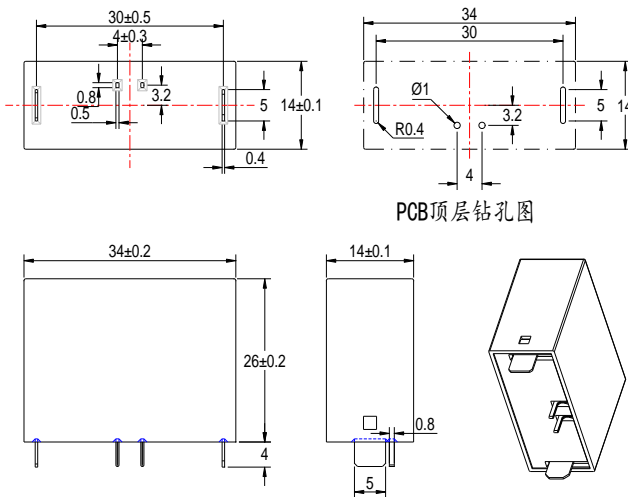




1. 防护和电气性能指标:

- 额定电压-U_o: 230VAC;
- 最大持续运行电压-U_c: 385VAC/500VDC;
- 光伏应用最大持续运行电压-U_c_{pv}: 500V;
- 标称放电电流-I_n: 10kA (8/20 μ s);
- 最大放电电流-I_{max}: 20kA (8/20 μ s);
- 电压保护水平-U_p: 1.5kV (10kA,8/20 μ s);
- 直流短路分断能力: 30A/750VDC;
- 光伏应用额定短路电流-I_{sc}_{pv}: 50A;
- 外壳材料: PA66+30%玻纤; 阻燃等级: UL94V-0; 外观颜色为 PANTONE 426C;
- 告警口: 正常常闭, 异常常开。

2. 产品结构外形图(单位: mm):



PCB顶层钻孔图

未注公差依据GB/T 14486

3. 使用环境条件:

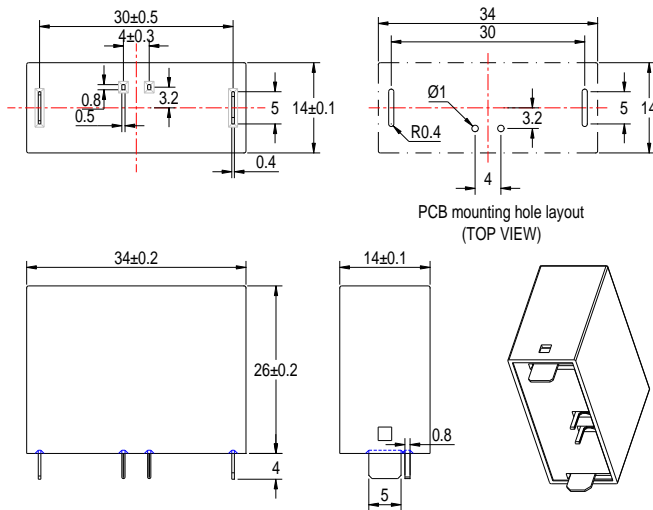
- 工作温度: -40℃~+85℃;
- 贮存温度: -40℃~+85℃;
- 相对湿度: 5%~95%;
- 海拔高度: ≤5000m



1. Protection and Electrical Characteristics:

- Working voltage: 230VAC;
- Maximum continuous operating voltage: 385VAC/500VDC;
- Maximum continuous operating voltage for PV application: 500V;
- Nominal discharging current: 10kA (8/20 μ s);
- Max discharging current: 20kA (8/20 μ s);
- Voltage protective level: 1.5kV;
- DC short-circuit disconnection capacity: 30A/750VDC;
- short-circuit current rating for PV application: 50A;
- Crust material: PA66+30% glass fibrin; Fire-retardant grade: UL94V-0; Surface color: PANTONE 426C;
- Alarm port: Close is normal, Open is failure;

2. Construction (unit: mm):



Undefined tolerance reference GB/T 14486

3. Working condition:

- Working temperature: -40 $^{\circ}$ C~+85 $^{\circ}$ C;
- Stock temperature: -40 $^{\circ}$ C~+85 $^{\circ}$ C;
- Relative humidity: 5%~95%;
- Height of sea level: \leq 5000m.