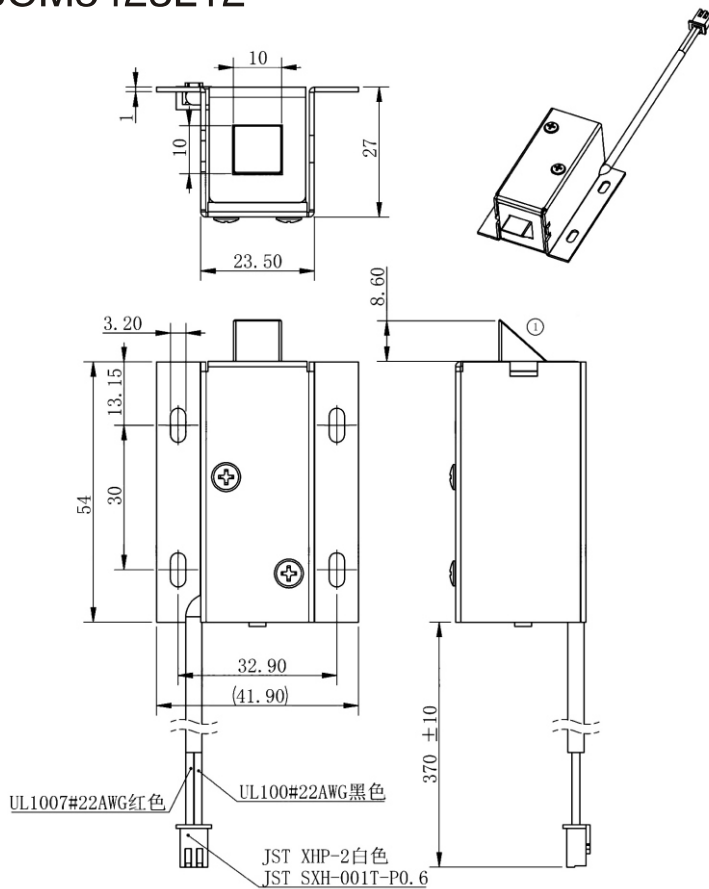


OPEN FRAME SOLENOID ELECTROMAGNET SCM5423L12



1. Ambient temperature and humidity: $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$ 5%–95% RH
2. Storage environment temperature and humidity: $-30^{\circ}\text{C}\sim 60^{\circ}\text{C}$ 5%–95% RH
3. Insulation resistance: 100M Ω MIN DC500V(between coil and skeleton)
4. Resistance voltage: 1sec @ AC1200V 5mA(between coil and shell)
5. Insulation grade: B (130°C)
6. Power consumption: 10W–50W(customizable)
7. Operating voltage range: DC12V $\pm$ 10%(customizable)
8. Stroke – suction: initial force $\geq 350\text{g}$ (vertically placed, load down)
9. Life: $\geq 500,000$ times (pass 0.2 seconds, break 1.3 seconds for once, no load)
10. Temperature rise: $\leq 75^{\circ}\text{C}$ (on 0.2 seconds, off 1.3 seconds for one hour, no load)
11. Environmental protection: compliant with EU 2020/95/EC(ROHS)
12. Lead strength: $\leq 0.5\text{kgf}$ –30s, the lead is normal
13. Power input polarity: No requirement

(The specification parameters in the above table are horizontally placed at the room temperature of $20\sim 25^{\circ}\text{C}$, relative humidity of 65%RH $\pm$ 5%, 1 standard atmospheric pressure)