

开关电源变压器

SWITCHING (POWER SUPPLY) TRANSFORMER

1. 适用范围SCOPE

开关电源变压器使用于彩色电视机、空调、显示器、VCD等。

Switching transformer is to specify the requirements of the color TV, air-conditioner, monitor and VCD.

2. 使用环境条件ENVIRONMENT:

温度TEMP: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$

相对湿度RELATIVE HUMIDITY: $\leq 90\%$ (40°C)

气 压ATMOSPHERIC PRESSUER: $86 \sim 106\text{Kpa}$

3. 外形尺寸CONFIGURATION & DIMENSIONS

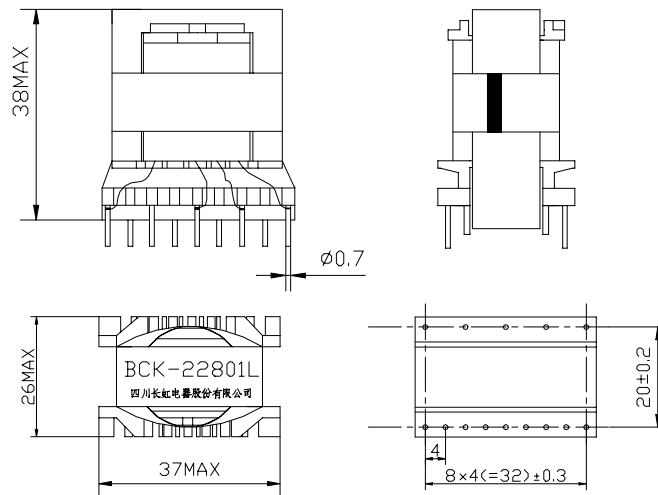


图1 FIG. 1 (EC28)

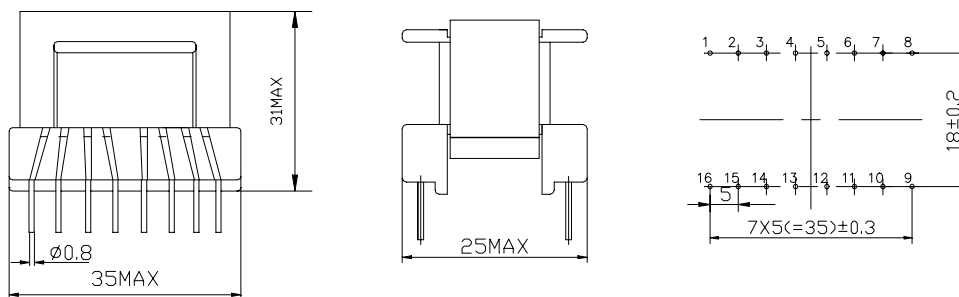


图2 FIG. 2 (EI28)

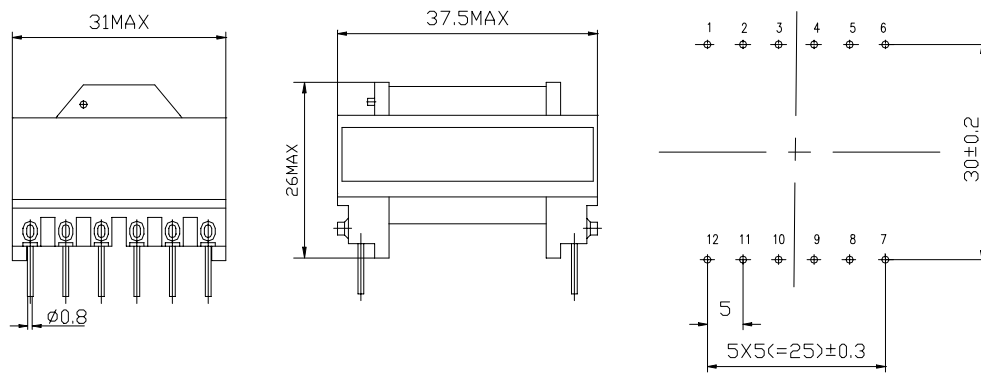


图3 FIG. 3 (EER28L)

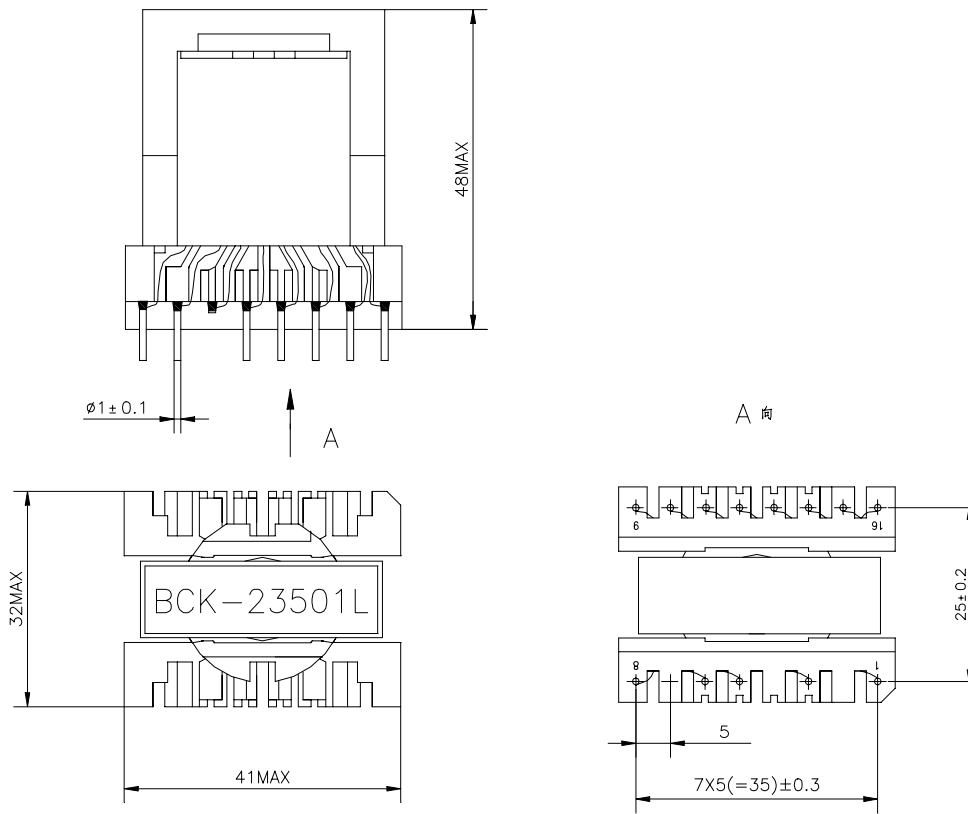


图4 FIG. 4 (EC35)

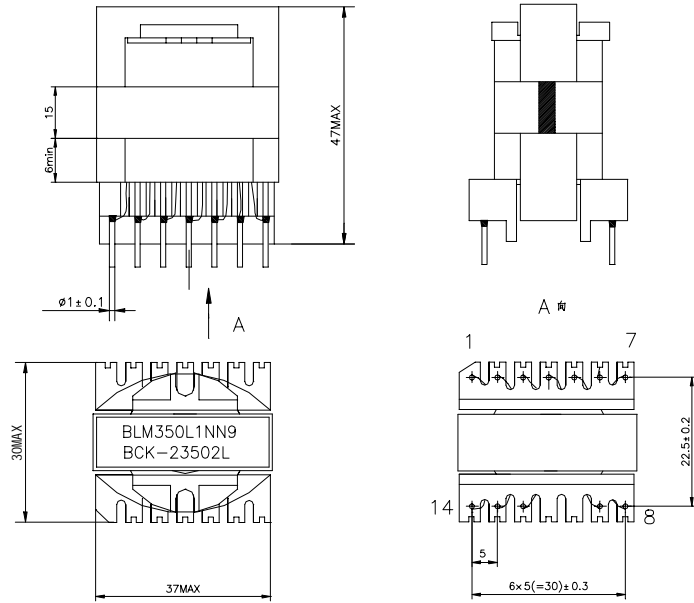


图5 FIG. 5 (EC35)

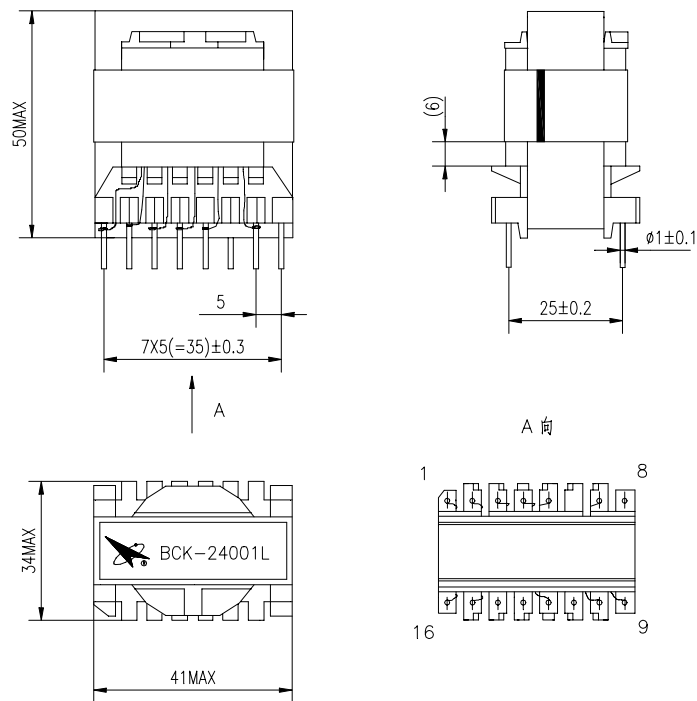


图6 FIG. 6 (EC40)

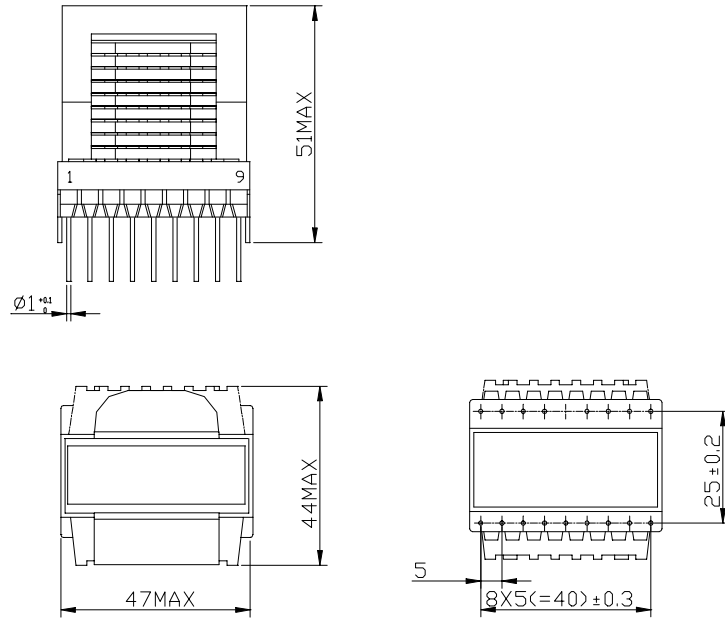


图7 FIG. 7 (EE42)

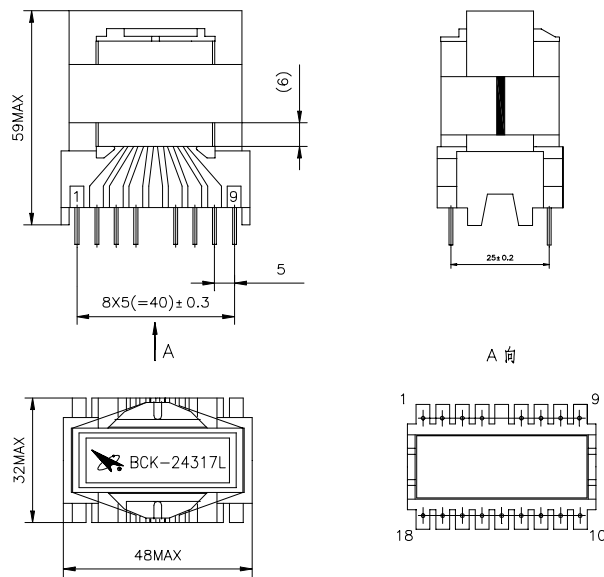


图8 FIG. 8 (EC43)

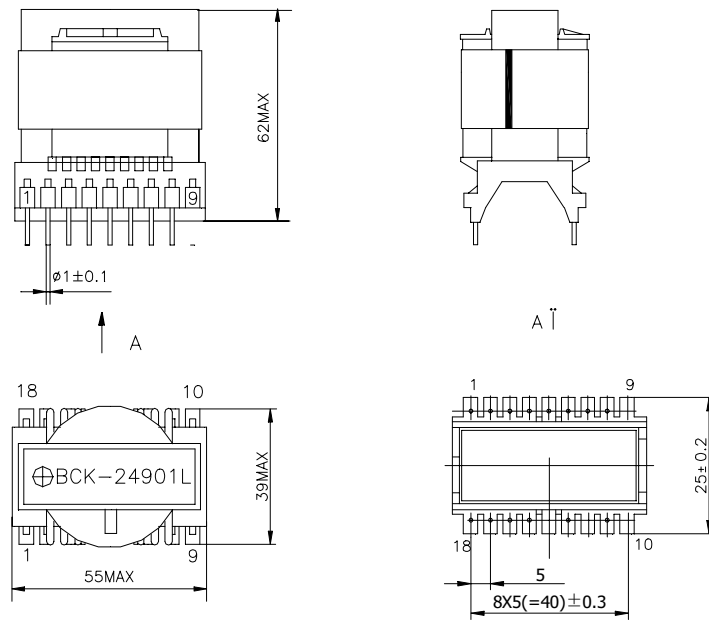


图9 FIG.9 (EC49)

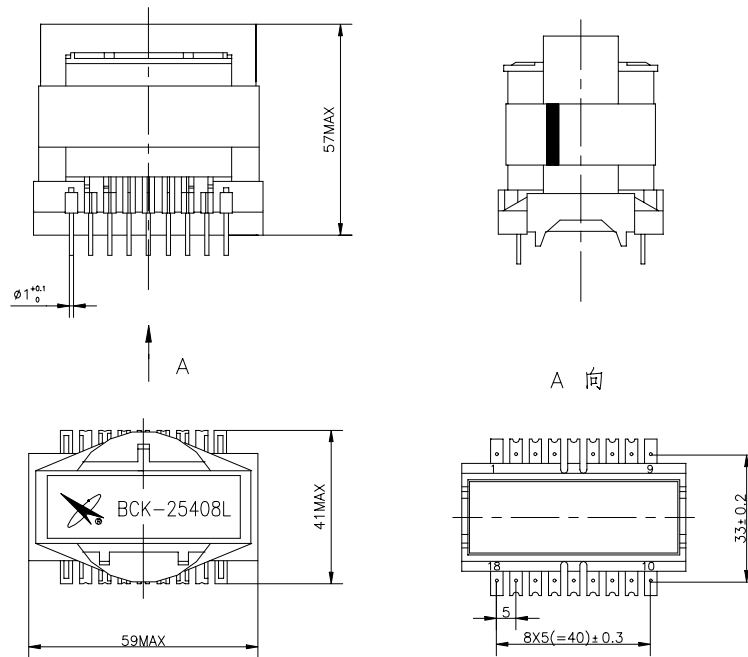


图10 FIG.10 (EC54)

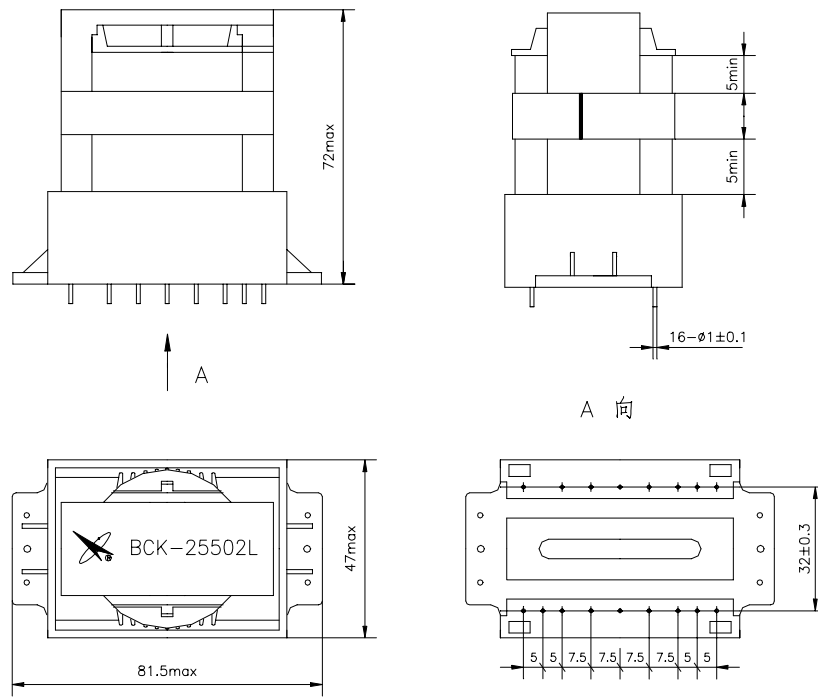


图11 FIG.11 (EC55)

3. 电气特性 ELECTRICAL CHARACTERISTICS

磁芯型号 TYPE OF CORE	最大功率 P_{max} (W)	频率f (KHz)	抗电强度 WITHSTANDING VOLTAGE	绝缘电阻 INSULATION RESISTANCE (DC 500V)
EC28	≤ 80	10-100	AC 3.5kVrms 1mA 1min	$\geq 100M\Omega$
EER28L	≤ 100			
EC35	≤ 120			
EC40	≤ 160			
EE42	≤ 200			
EC43	≤ 200			
EC49	≤ 300			
EC54	≤ 350			
EC55	≤ 450			
EI28	≤ 60		AC 3kVrms 1mA 1min	