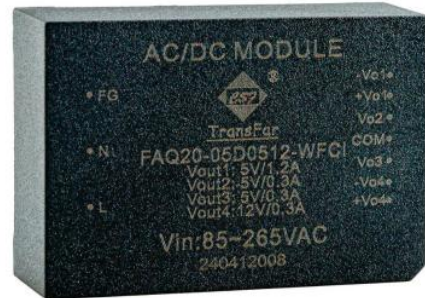


FAQ20-05D0512-WFCI power supply

Typical performance

- Four way output mode
- Total output power 20W
- Output voltage Vo1:5V;Vo2:5V;Vo3:5V;Vo4:12V
- Input voltage range 85~265VAC
- Isolation voltage 2500VAC
- Overall dimension 69.5*47.5*23.5



Input characteristic

| | |
|---------------------|-----------|
| Input voltage range | 85~265VAC |
|---------------------|-----------|

Output characteristic

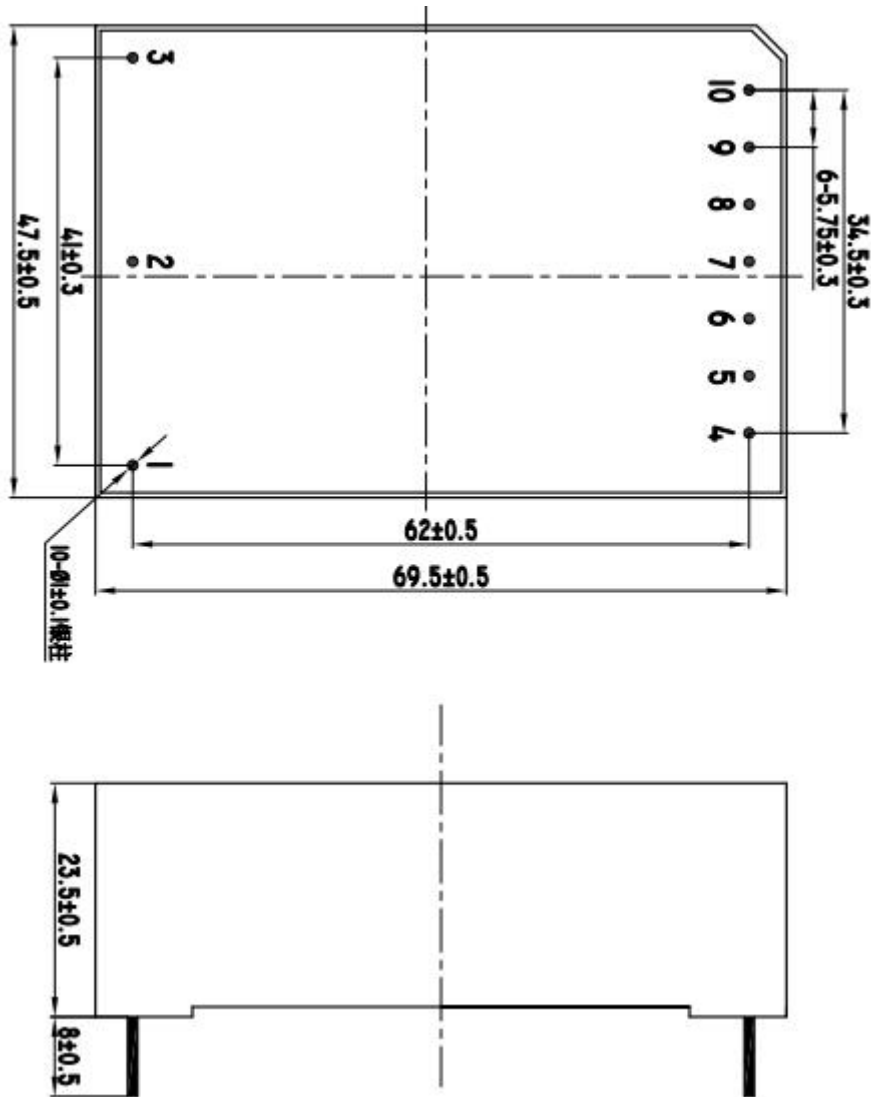
| | |
|-------------------------|----------------------------------------------------------------------------------------|
| Output voltage accuracy | Vo1 nominal output voltage $\pm 2\%$; Vo2,Vo3,Vo4 Nominal output voltage $\pm 5\%$ |
| Load effect | 0%~100% load, $\leq \pm 0.5\%$ |
| Source effect | Rated load, $\leq \pm 0.2\%$ |
| Ripple noise | $\leq 1\%$ Voutnom (max) |
| Conversion efficiency | Nominal input, rated load typ.80% |
| Temperature coefficient | $\leq \pm 0.02\%/^{\circ}\text{C}$ |

General characteristic

| | |
|----------------------------|-------------------------------------------------------------------------------------|
| Isolation voltage | Vin~Vout、Vin~FG、Vout~FG All three are 2500VAC/min |
| Insulation resistance | $\geq 100\text{M}\Omega$ |
| Mean time between failures | $\geq 1 \times 10^6\text{h}$ |
| Protection function | Short circuit protection (self-recovery), overcurrent protection (self-recovery) |
| Operating temperature | -25~+55 $^{\circ}\text{C}$ Full load service/+55~+85 $^{\circ}\text{C}$ Derated use |
| Storage temperature | -40~+105 $^{\circ}\text{C}$ |
| Storage humidity | $\leq 95\% \text{RH}$ |
| Cooling mode | Natural cooling |

Product diagram

底视图



unit: mm

Shell material: aluminum shell

Pin definition

| Definition | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------|----|---|---|------|------|-----|-----|-----|------|------|
| Instructions | FG | N | L | -Vo1 | +Vo1 | Vo2 | COM | Vo3 | -Vo4 | +Vo4 |