

TSK/ TISK Series

Voltage and current surge protection, DIP package



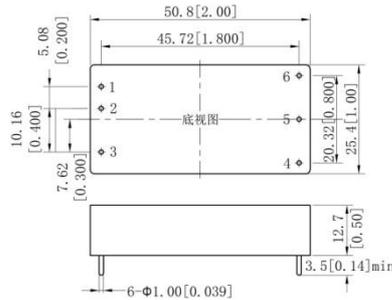
Features:

- ◆ Options include voltage suppression, current suppression
- ◆ Compact size, low power consumption, and high reliability
- Complies with GJB 298 and GJB 181B requirements for voltage surge protection
- Customized current suppression function

TSK Overvoltage and Undervoltage Surge Suppression Series

| Performance parameters | Minimum | Typical | Maximum | Unit | Test Conditions |
|--------------------------|---------|---------|---------|------|-----------------|
| Working temperature | -45 | | +85 | °C | |
| Storage Temperature | -55 | | +125 | °C | |
| Overvoltage suppression | 36 | 37 | 38 | V | 100V/50ms |
| Undervoltage suppression | 16 | 20 | 21 | V | 6V/1s |

| Product model | Input voltage (Vdc) | Clamp voltage (Vdc) | Surge time (ms) | Maximum current (A) |
|---------------|---------------------|---------------------|-----------------|---------------------|
| TSK100S10-OU | 6~100 | 37 | 50/100V | 10 |



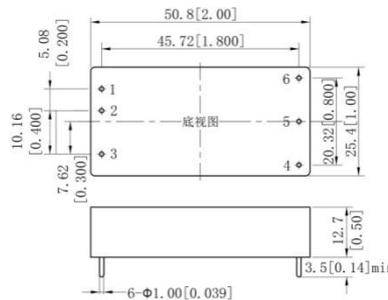
| 引脚 | 功能 |
|----|------|
| 1 | +Vin |
| 2 | -Vin |
| 3 | CNT |
| 4 | Trim |
| 5 | -Vo |
| 6 | +Vo |

单位: mm[inches]
未注公差:
X.X±0.5 [X.XX±0.02]
X.XX±0.25 [X.XXX±0.010]
引脚直径公差±0.1[±0.004]

TISK Surge Voltage and Current Suppression Series

| Performance parameters | Minimum | Typical | Maximum | Unit | Test Conditions |
|---------------------------|---------|---------|---------|------|----------------------|
| Working temperature | -45 | | +85 | °C | |
| Storage Temperature | -55 | | +125 | °C | |
| Surge current suppression | | 5 | 5.5 | A | Maximum power 100W |
| Surge voltage suppression | | 39 | 40 | V | 100V/50ms |
| Maximum capacitive load | 0 | | 2200 | μF | Power less than 100W |

| Product model | Input voltage (Vdc) | Clamp voltage (Vdc) | Surge time (ms) | Maximum current (A) |
|---------------|---------------------|---------------------|-----------------|---------------------|
| TISK36S5A | 9~100 | 39 | 50/100V | 5 (28V) |
| TISK75S5A | 16~100 | 80 | 100/100V | 5 (48V) |



| 引脚 | 功能 |
|----|------|
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| 2 | -Vin |
| 3 | CNT |
| 4 | Trim |
| 5 | -Vo |
| 6 | +Vo |

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