

# TSE/ TISE 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



## TSE 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
Insertion loss		28		dB	Normal temperature

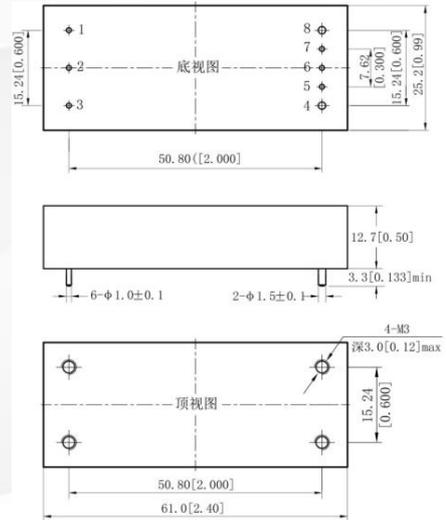
Product model	Input voltage (Vdc)	Clamp voltage (Vdc)	Surge time (ms)	Maximum current (A)
TSE100S10-OU	6~100	37	50/100V	10

## TISE 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		8		A	Maximum power 150W
Surge voltage suppression		39	40	V	100V/50ms
Maximum capacitive load	0		1000	μF	Power less than 150W
Insertion loss		28		dB	

Product model	Input voltage (Vdc)	Clamp voltage (Vdc)	Surge time (ms)	Maximum current (A)
TISE36S8AM	9~100	39	50/100V	8 (28V)
TISE75S8AM	16~100	80	100/100V	8 (48V)

## Encapsulation size



引脚	功能
1	-Vin
2	CNT
3	+Vin
4、5	+Vo
6	Trim
7、8	-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]