



VISHAY INTERTECHNOLOGY, INC.




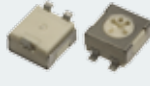

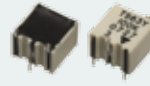



SINGLE-TURN, MULTI-TURN AND SMD CERMET TRIMMERS

Vishay Sfernice

- 63
- T7
- T73
- T12
- P8
- 43
- T18
- 64
- T93
- T63
- TS5
- TS53
- TS6
- TS63
- TSM4
- TS3



SMD Cermet Trimmers

	TS5	TS53	TS6	TS63	TSM4	TS3
Model						
Package Size	5 mm (3/4")	5 mm (3/4")	6.85 mm (3/8")	6.85 mm (3/8")	5 mm (13/64")	3.2 mm (1/8")
Grade	Military and Professional	Industrial	Military and Professional	Industrial	Military and Professional	Industrial
Resistance Range (ohms)	10 R to 1 MR	10 R to 1 MR	10 R to 2 MR	10 R to 2 MR	10 R to 1 MR	10 R to 2 MR
Standard Resistance Tolerance	±10 %	±20 %	±10 %	±10 %	±10 %	±20 %
TC (ppm/°C) > 100 Ω	±100	±100	±100	±100	±100	±150
Power Rating	0.25 W at 70 °C	0.25 W at 70 °C	0.25 W at 85 °C	0.25 W at 85 °C	0.25 W at 85 °C	0.125 W at 70 °C
Mechanical Travel	270°	270°	15 turns	15 turns	13 turns	250°
Contact Resistance Variation (CRV)	1 % or 3 Ω	1 % or 3 Ω	2 % or 2 Ω	2 % or 2 Ω	2 % or 3 Ω	3 % or 3 Ω
Mechanical Life	100 cycles	100 cycles	200 cycles	200 cycles	100 cycles	50 cycles
Operating Temperature	-55 °C to +125 °C	-55 °C to +125 °C	-55 °C to +125 °C	-55 °C to +125 °C	-55 °C to +125 °C	-55 °C to +125 °C
Features and Packaging	J-hook and gull wing, tape and reel RoHS COMPLIANT	J-hook and gull wing, tape and reel RoHS COMPLIANT	Tube, tape and reel  RoHS COMPLIANT	Tube, tape and reel RoHS COMPLIANT	J-hook and gull wing, top adjust, side adjust, tape and reel RoHS COMPLIANT	Tape and reel RoHS COMPLIANT



Cermet Trimmers

Vishay Sfernice



Single-Turn Cermet Trimmers

- Various electrical travel
- Top and side adjust versions
- 10 Ω to 10 M Ω resistance range
- Various pin styles
- Tube, tape and reel options

Multi-Turn Cermet Trimmers

- Various electrical travel
- Top and side adjust versions
- 10 Ω to 2.2 M Ω resistance range
- Tube packaging

SMD Cermet Trimmers

- Military and professional grade
- Multi-turn and single-turn options
- Fully-sealed trimmers
- Tape and reel, tube packaging

SEMICONDUCTORS:

Rectifiers • High-Power Diodes and Thyristors • Small-Signal Diodes • Zener and Suppressor Diodes
• FETs • RF Transistors • Optoelectronics • ICs • Modules and Assemblies

PASSIVE COMPONENTS:

Resistive Products • Magnetics • Capacitors • Strain Gage Transducers and Stress Analysis Systems



**One of the World's Largest
Manufacturers**
of Discrete Semiconductors and Passive Components

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