



VTVSxxGSMF SERIES

400 W TVS IN SMF (DO-219AB) PACKAGE



High surge capability of 400 W
at 10/1000 μ s



Low profile (1 mm)
SMF (DO-219AB) package

HALOGEN
FREE

RoHS
COMPLIANT

AEC-Q101
Qualified

COMPETITIVE ADVANTAGE

- Low avalanche breakdown voltage tolerance allows tighter design of electronic circuit
- Lower avalanche breakdown voltage tolerance = lower clamping voltage tolerance

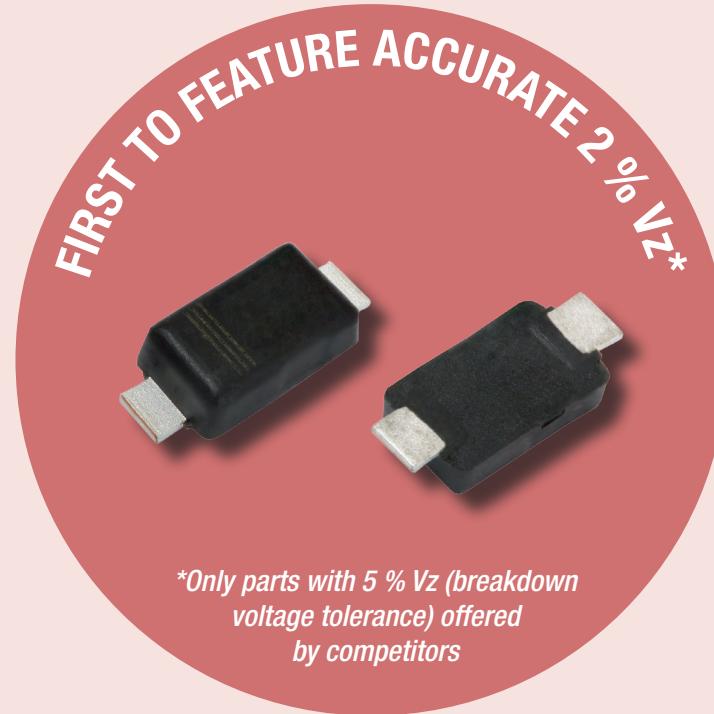


AVALANCHE
BREAKDOWN
VOLTAGE
TOLERANCE



CLAMPING
VOLTAGE
TOLERANCE

- Important when a transient voltage signal must be clamped close to the max voltage range!



Low leakage current



Very fast response time



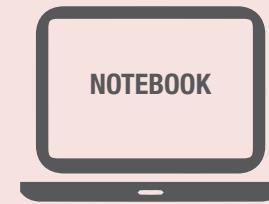
Precise protection for
key components

IN A NUTSHELL

VTVS Series consists of 23 devices
(VTVS5V0ASMF to VTVS63GSMF)

APPLICATIONS

Ideal for space-constrained electronics



NOTEBOOK



TABLET

SMART
PHONE



LAPTOP



EXTERNAL
HARD DRIVE

PRIMARY CHARACTERISTICS

V_{BR}	6.4 V to 78.2 V
V_{WM}	5.0 V to 63 V
P_{PPM}	400 W
T_J max.	175 °C
Polarity	Unidirectional
Package	DO-219AB (SMF)