

TVS Diode Single Uni-Dir 48V 400W Automotive 2-Pin SMA T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: SMA

Product Type: Thyristors

Lifecycle: Active

General Description

The SM4TY series are designed to protect sensitive automotive circuits against surges defined in ISO 7637-2 and against electrostatic discharges according to ISO 10605. The Planar technology makes it compatible with high-end circuits where low leakage current and high junction temperature are required to provide long term reliability and stability. SM4TY devices are packaged in SMA (SMA footprint in accordance with IPC 7531 standard).

Key Features

AEC-Q101 qualified

Peak pulse power:400 W (10/1000 μ s)2.3 kW (8/20 μ s)

Stand-off voltage range from 5 V to 70 V

Unidirectional and bidirectional types

Low leakage current:0.2 μ A at 25 °C1 μ A at 85 °C

Operating Tj max: 150 °C

JEDEC registered package outline

Resin meets UL94, V0

Recommended For You

SM15T68A

STMicroelectronics, Inc

DO-214AB

SMAJ24A-TR

STMicroelectronics, Inc

SMA

SM2T6V8A

STMicroelectronics, Inc

DO-216AA

SMB0T33AY

STMicroelectronics, Inc

SMB

SM6T27AY

STMicroelectronics, Inc

SMB

SM6T33CAY

STMicroelectronics, Inc

SMB

SM6T36AY

STMicroelectronics, Inc

SMB

SMB0T30CAY

STMicroelectronics, Inc

SMC

SMB0T39CAY

STMicroelectronics, Inc

DO-214AB

SMB0T35CAY

STMicroelectronics, Inc

SMC

SM6T36CAY

STMicroelectronics, Inc

SMB

SM6T27CAY

STMicroelectronics, Inc

SMB

SMI5T56AY

STMicroelectronics, Inc

SMC

SM6T30CAY

STMicroelectronics, Inc

SMB

SMI5T36AY

STMicroelectronics, Inc

SMC