

## TVS Diode Single Bi-Dir 24V 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  $\mu$ s)2.3 kW (8/20  $\mu$ s)

Stand-off voltage range from 5 V to 70 V

Unidirectional and bidirectional types

Low leakage current:0.2  $\mu$ A at 25 °C1  $\mu$ A at 85 °C

Operating Tj max: 150 °C

JEDEC registered package outline

Resin meets UL94, V0

### Recommended For You

#### SMI5T68A

STMicroelectronics, Inc

DO-214AB

#### SMAJ24A-TR

STMicroelectronics, Inc

SMA

#### SM2T6V8A

STMicroelectronics, Inc

DO-216AA

**SMB0T33AY**

STMicroelectronics, Inc

SMC

**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