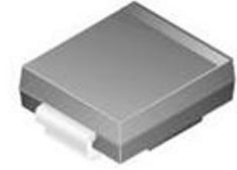


Diode TVS Single Bi-Dir 30V 3KW Automotive 2-Pin SMC T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: SMC

Product Type: Thyristors

Lifecycle: Active

General Description

The SM30TY 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.

Key Features

AEC-Q101 qualified

Peak pulse power:

3000 W (10/1000 μ s)

up to 40 kW (8/20 μ s)

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up to 40 kW (8/20 μ s)

Stand-off voltage range from 5 V to 188 V

Unidirectional and bidirectional types

Low leakage current: 0.2 μ A at 25 °C

Operating Tj max: 175 °C

JEDEC registered package outline

Lead finishing: matte tin plating

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

SM6T36CAY

STMicroelectronics, Inc
SMB

SM6T27CAY

STMicroelectronics, Inc
SMB

SMI5T56AY

STMicroelectronics, Inc
SMC

SM6T30CAY

STMicroelectronics, Inc
SMB

SMI5T36AY

STMicroelectronics, Inc
SMC

SMI5T36CAY

STMicroelectronics, Inc
SMC