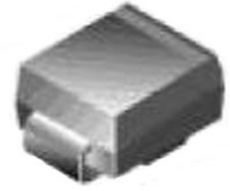


TVS Diode Single Uni-Dir 15.3V 600W Automotive 2-Pin SMA T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: SMA

Product Type: Thyristors

Lifecycle: Active

General Description

The SMA6TY Transil series has been 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 this device compatible with high-end circuits where low leakage current and high junction temperature are required to provide reliability and stability over time. SMA6TY are packaged in SMA.

Key Features

AEC-Q101 qualified

Peak pulse power:

600 W (10/1000 μ s) and 4 kW (8/20 μ s)

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Stand-off voltage range: from 5 V to 70 V

Unidirectional and bidirectional types

Low leakage current:

0.2 μ A at 25 °C and 1 μ A at 85 °C

0.2 μ A at 25 °C and 1 μ A at 85 °C

Operating Tj max: 150 °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
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