



The DNA of tech.®

1500 W Surface-Mount PAR® TVS in the SMB (DO-214AA)

Uni / Bidirectional PAR® TVS Solutions Offer High Temperature Operation to +185 °C



ADVANTAGE

AEC-Q101 qualified devices save board space while offering high stability for automotive applications.

KEY PRODUCT FEATURES

- ✓ 1500 W peak pulse power capability with a 10/1000 µs waveform
- ✓ Offered in compact SMB (DO-214AA) package
- ✓ Extremely stable breakdown voltages
- ✓ Excellent clamping capability
- ✓ Very fast response times
- ✓ Meet MSL level 1 standards per J-STD-020

MARKETS AND APPLICATIONS



MOBILITY

- Automotive
- Automotive electrification (e-Powertrain)
- Automotive fuel cell transmission
- Automotive intelligence (smart vehicle)
- Micro mobility

ADDITIONAL BENEFITS

- Protection of sensitive electronics against voltage transients induced by inductive load switching and lightning

Key Specifications

Series	T15BxxA	T15BxxCA
Breakdown voltage	12 V to 51 V	12 V to 100 V
Clamping voltage	17.0 V to 70.1 V	17.0 V to 137 V
P _{PPM}	1500 W	
T _J max.	+185 °C	
Polarity	Unidirectional	Bidirectional
Package	SMB (DO-214AA)	

RESOURCES



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3D Models