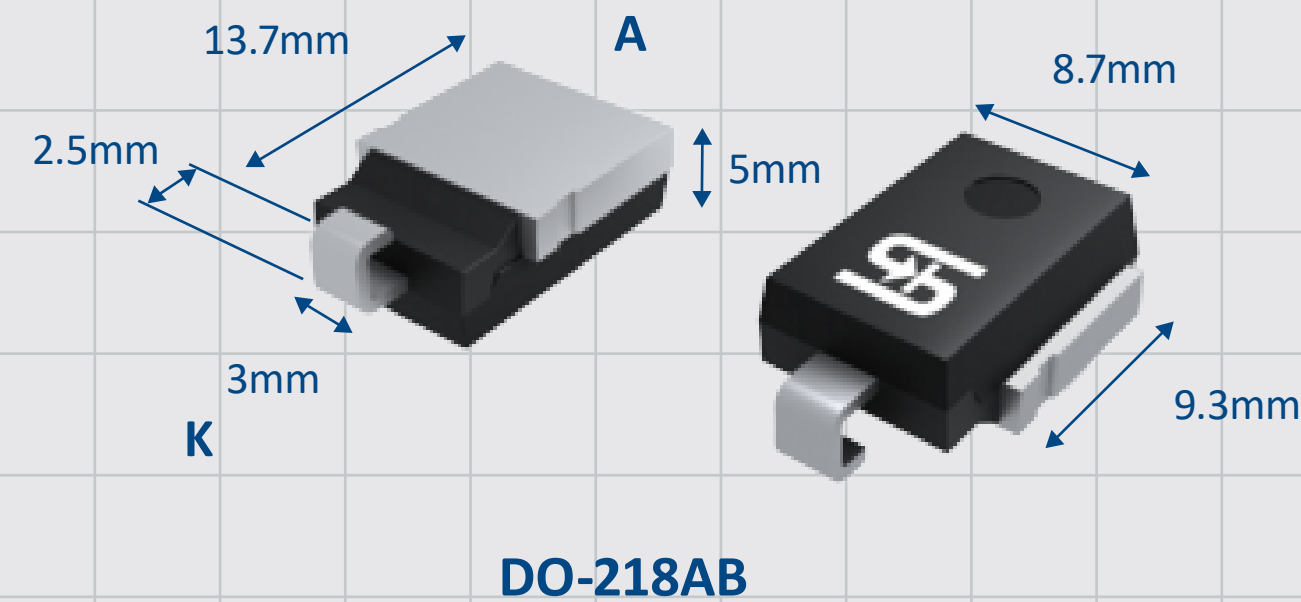


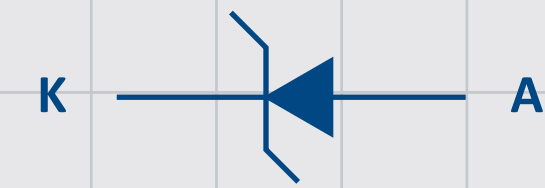
6600W, 10V - 43V SURFACE MOUNT TRANSIENT VOLTAGE SUPPRESSOR

TSC new bi-directional Load dump TVS peak power dissipation $P_{PK}=6600W$ packaged in DO-218AB that could meet ISO16750-2 4.6.4 Load dump Test A criteria. The bi-directional TVS is foolproof when connect different polarity power and could adopt smaller current rating Schottky as reverse polarity diode application.

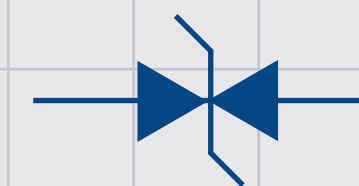
PACKAGE



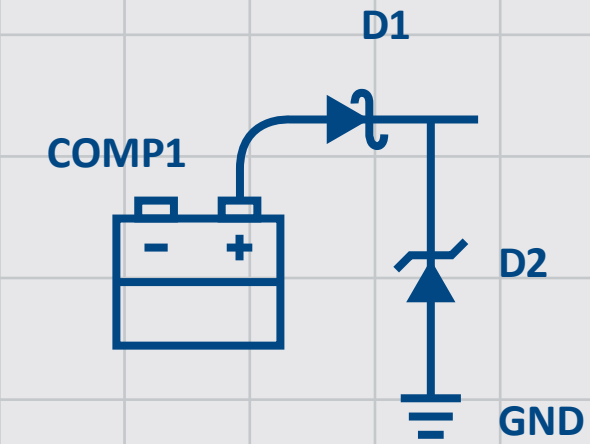
Uni-directional (A type)



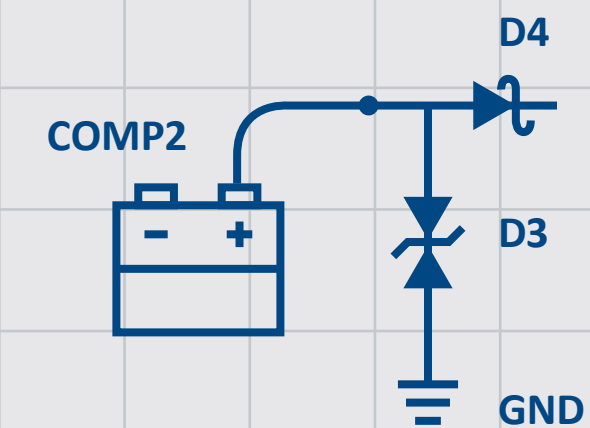
Bi-directional (CA type)



APPLICATIONS



Uni-direction TVS:
SKY connected before TVS,
SKY need to sustain big surge

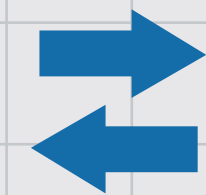


Bi-direction TVS:
SKY connected after TVS,
SSD SKY is enough.

FEATURES



AUTOMOTIVE QUALIFIED
AEC-Q101



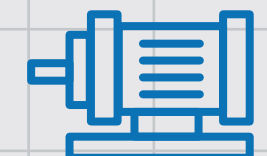
UNIDIRECTIONAL &
BIDIRECTIONAL TYPES



MEETS SURGE SPECIFICATIONS
(Varied by test conditions)
ISO7637-2 / ISO16750-2



AUTOMOTIVE



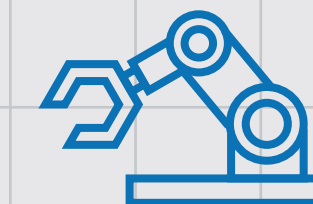
MOTOR



REVERSE
BATTERY
PROTECTION



CAR LIGHTING



ROBOTIC ARM

SPECIFICATION

Part number	P_{PPM} (W)	V_{WM} (V)	V_{BR} (V)
TLD8S10CAH - TLD8S43CAH	6600	10 - 43	11.1 - 52.8



Official Website



X



LinkedIn

For more questions: marketing@ts.com.tw

© 2024 TAIWAN SEMICONDUCTOR, CO., LTD. ALL RIGHTS RESERVED.



**TAIWAN
SEMICONDUCTOR**

www.taiwansemi.com