

Latest News

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Data Security even when Lightning Strikes

Cloud networking, data center storage and server solutions are the base for worldwide online business and part of our daily life. When it comes to data protection, you might at first think about software hacks and data theft. But there is also another threat that is not human made, but comes directly from the sky: Lightning strikes which hit the power lines lead to voltage peaks - in worst case this can destroy the data storage electronics and the related data stored. TVS (Transient Voltage Suppressor) diodes like the [3.0SMCJ16A-AQ](#) are able to protect the supply lines in data storage and server systems and therefore the related data.



Our diode comes in the DO-214AB/SMC package, offers 16 V of stand-off voltage and 3 000 W of peak pulse power at the typical standard lightning pulse 10 / 1 000 μs . Though these applications have nothing to do with mobility, customers often choose parts with quality grading according to the automotive standard AEC-Q101, recognizable from the suffix -AQ in above part number.

For 24/7 data security, even when lightning strikes.