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Electronic and Multimedia Solutions

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**PROTEK DEVICES
PAM4SMA**



400 Watt TVS Component

The PAM4SMA series is designed to protect sensitive electronic equipment from voltage transients induced by lightning and other transient voltage events in automotive applications.

APPLICATIONS

- Automotive

FEATURES

- AEC-Q101 Qualified
- UL Registered
- IEC 61000-4-2 (ESD): Level 4 - Air ±30kV, Contact ±30kV
- IEC 61000-4-4 (EFT): 40A 5/50ns
- IEC 61000-4-5 (Surge)
- 400 Watts Peak Pulse Power per Line (tp=10/1000µs)
- Excellent Clamping Capability
- Low Incremental Surge Resistance
- Low Leakage Current < 1µA Typical (Min. VBR > 12V)
- Low Profile Package and
- Optimized Space Saving Footprint
- Whisker Test Per JEDEC JESD201 - Table 4V and 4C
- Bidirectional and Unidirectional Configurations
- Very Fast Response Time
- Available in Multiple Voltages
- RoHS Compliant
- REACH Compliant

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Please contact us for inquiries, samples or technical requests.

**PROTEK DEVICES
PESD2CANDFN**



CAN BUS ESD PROTECTION DIODE

The PESD2CANDFN is designed to protect Controller Area Network (CAN) bus lines and other industrial Applications such as DeviceNet Bus lines from the damaging effects of Electrostatic Discharge (ESD) and other transients. This device is available in a DFN package configuration and meets IEC 61000-4-2 and IEC 61000-4-4 requirements.

APPLICATIONS

- CAN Bus Protection
- DeviceNet Protection

FEATURES

- IEC 61000-4-2 (ESD): Air - 15kV, Contact - 8kV
- IEC 61000-4-4 (EFT): 40A - 5/50ns
- IEC 61000-4-5 (Surge): 3A, 8/20µs
- Two Lines of Protection
- ESD Protection > 25kV
- Low Clamping Voltage
- Low Leakage Current
- Low Capacitance
- RoHS Compliant
- REACH Compliant

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**PROTEK DEVICES
PLR0621**



Ultra low capacitance TVS Array

The PLR0621 is an ultra low capacitance transient voltage suppressor array, designed to protect computing applications from the damaging effects of Electrostatic Discharge and Electrical Fast Transients.

APPLICATIONS

- Ethernet 10/100/1000 Base T
- FireWire
- Wireless Communications
- USB 1.0, USB 2.0 & USB 3.0
- HDMI 1.4 & 2.0 Interfaces

FEATURES

- Meets or Exceeds IEC 61000-4-2 (ESD): Air 15kV, Contact 8kV
- Compatible with IEC 61000-4-4 (EFT)
- Compatible with IEC 61000-4-5 (Surge)
- 80 Watts Peak Pulse Power per Line (tp = 8/20µs)
- ESD Protection
- Low Clamping Voltage
- Protects One Bidirectional Line
- Ultra Low Capacitance: 0.4 pF (Typical)
- RoHS Compliant
- REACH Compliant

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Since 55 years we are your partner for electronic components!