



PJSMS05 SERIES

QUAD TVS/ZENER ARRAY FOR ESD AND LATCH-UP PROTECTION

VOLTAGE 5~24 Volts **POWER** 350Watts

This Quad TVS/Zener Array family have been designed to Protect Sensitive Equipment against ESD and to prevent Latch-Up events in CMOS circuitry operating at 5V,12V,15V and 24V.This TVS array offers an integrated solution to protect up to 4 data lines where the board space is a premium.

FEATURES

- 350W Power Dissipation (8/20µs Waveform)
- Low Leakage Current, Maximum of 5µA at rated voltage
- Very Low Clamping Voltage
- IEC61000-4-2 ESD ±20kV Air, ±15kV Contact Compliance
- Industry Standard Surface Mount Package SOT23-6L
- 100% Tin Matte Finish (ROHS Compliance)
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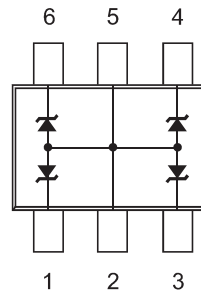
APPLICATIONS

- Personal Digital Assistant(PDA)
- SIM Card Port Protection (Mobile Phone)
- Portable Instrumentation
- Mobile Phones and Accessories
- Memory Card Port Protection

MECHANICAL DATA

- Case: SOT-23 6L, plastic
- Terminals: solderable per MIL-STD-750, Method 2026
- Approx. Weight: 0.0005 ounces, 0.014 grams
- Marking :

PJSMS05	PJSMS12	PJSMS15	PJSMS24
M05	M12	M15	M24



ABSOLUTE MAXIMUM RATINGS (Per Device) (TA=25°C unless otherwise noted)

PARAMETER	SYMBOL	VALUE	UNITS
Peak Pulse Power (8/20µs Waveform)	P _{PP}	350	W
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)	V _{ESD}	± 20 ± 15	kV
Operating Junction Temperature and Storage Temperature Range	T _J , T _{STG}	-55 to +150	°C