



PJCF05LC SERIES

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

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

FEATURES

- 100W Power Dissipation (8/20 μ s Waveform)
- Low Leakage Current
- Very Low Clamping Voltage
- IEC61000-4-2 ESD 20kV air, 15kV Contact Compliance
- Operating voltage options for 5V, 12V, 15V, and 24V
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MECHANICAL DATA

- Case: SOT-363, Plastic
- Terminals: Solderable per MIL-STD-750, Method 2026
- Approx Weight : 0.006 gram

APPLICATIONS

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

MAXIMUM RATINGS (Per Device)

RATING	SYMBOL	VALUE	UNITS
Peak Pulse Power (8/20 μ s Waveform)	P _{PP}	100	W
ESD Voltage (HBM)	V _{ESD}	25	kV
Operating Temperature Range	T _J	-55 to 125	°C
Storage Temperature Range	T _{STG}	-55 to 150	°C

