

update @ elwet

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PROTEK DEVICES PTA03-3.3ULC



New TVS Hybrid Array for Circuit Protection in High Speed Data Lines

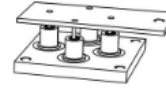
PROTEK has a new high power, low capacitance (max 2.4pF [I/O to I/O]) TVS hybrid array – the PTA03-3.3ULC – designed for circuit protection in high speed data line applications such as ethernet 10/100/1000 base T; xDSL interfaces; set top box interfaces; T1/E1 line cards; ISDN U-interfaces, and ISDN S/T interfaces. The new component protects from the damaging effects of ESD, EFT and secondary transient threats. This device is available in an SOIC-8 package configuration. It has a peak pulse power rating of 2000 Watts (8/20 microseconds waveshape). The PTA03-3.3ULC is designed to provide low capacitance, even at higher temperatures ($T_J = 75$ degrees Celsius), when connected in differential mode.

It meets IEC standards 61000-4-2 (ESD): air plus or minus 15kV, contact plus or minus 8kV; with 61000-4-4 (EFT): 40A - 5/50ns; and with 61000-4-5 (Surge): 70A, 8/20 microseconds. It is 100A (2/10 microseconds) per Bellcore GR1089 (intra-building) and provides ESD protection of > 30kV, contact per IEC 61000-4-2. It has a telecom/diode bridge configuration and is RoHS and REACH compliant.

Learn more via [PTA03-3.3ULC application note](#) or on the [PTA03-3.3ULC product page](#).

Please contact us for inquiries, samples or technical requests.

PROTEK DEVICES PPZ516 & PPZ516B



High energy - extended pulse tvs

The PPZ516/B is a high power transient voltage suppressor (TVS) designed to provide protection against long duration switching transient threats. This heavy duty device is constructed using hermetically sealed TVS subassemblies and is suited for DC applications that include heavy duty motors, generators, or where DC power is being switched on and off at frequent intervals.

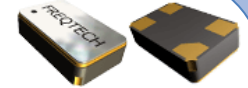
FEATURES

- Compatible with IEC 61000-4-5 (Surge): 95A, 8/20 μ s Level 3(Line-Gnd) & Level 4(Line-Line)
- 20,000 Watts Peak Pulse Power per Line ($t_p = 1$ ms)
- Unidirectional & Bidirectional Configurations
- Each Device 100% Tested

CLIQUE HERE FOR DATASHEET: [PPZ516 & PPZ516B](#)

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FREQTECH - FT55A



World's smallest quartz crystal 1.6 x 1.2 mm

FEATURES

- Frequency: 26.0 ~ 24.0MHz
- Dimension: **1.6 x 1.2 x 0.45mm**
- Frequency Tolerance @25°C: $\pm 10 \sim \pm 50$ ppm
- Storage temperature range: -40 to +85°C
- Aging: ± 5 ppm /year max.

INFORMATION

- ultra compact and thin
- Short lead times

CLIQUE HERE FOR DATASHEET: [FT55A](#)

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