

**PROTEK DEVICES –
PTB05-8ULC**



Ultra low capacitance surge protector

Applications:

- V-by-One HS
- Thunderbolt (Light Peak)
- HDMI 2.0
- LVDS

Features:

- Compatible with IEC 61000-4-2 (ESD): Contact $\pm 15kV$, Air $\pm 15kV$
- Compatible with IEC 61000-4-4 (EFT): 40A - 5/50ns
- Compatible with IEC 61000-4-5 (Surge): 7A - 8/20 μs
- PCB Single Connect & Flow-Through Design
- Solid-state Silicon-avalanche Technology
- Protects 8 Lines
- Ultra Low Capacitance: 0.15pF Max (I/O to GND)
- RoHS Compliant
- REACH Compliant

Please contact us for, inquiries, samples or technical requests.

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IQD - IQXO-623



LVPECL output crystal oscillator

LVPECL output crystal oscillator using a high frequency fundamental crystal to give very low jitter. Hermetically sealed ceramic package with a seam sealed metal lid.

The new oscillator is available at either 2.5V or 3.3V and with a frequency stability of $\pm 30ppm$ over an operating temperature range of -40 to 85 degrees C.

Please contact us for, inquiries, samples or technical requests.

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**COMCHIP –
CPDQR5V0HE**



SMD ESD Protection Diode

COMCHIP Technology Corporation is a SMD diode specialist with innovative design and leading edge manufacturing process. COMCHIP's products are synonymous with quality and dependability at competitive pricing.

Features:

- Bi-directional ESD protection
- IEC 61000-4-5 (surge) ; IPP=8A
- IEC 61000-4-2 (ESD) ; $\pm 30kV$ (contact)
- Low clamping voltage
- Low leakage current
- High surge current

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**PROTEK DEVICES –
P4SMA Series**



400 Watt TVS component

Applications:

- Power Supply
- AC/DC Applications
- Telecom

Features:

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

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[CLICK FOR DATASHEET: P4SMA Series](#)