



Is this how you protect your system?

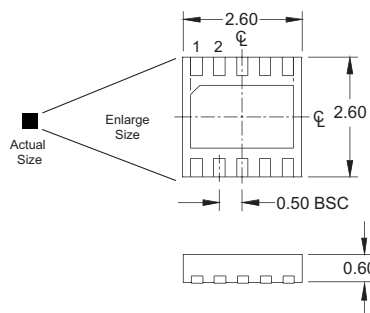
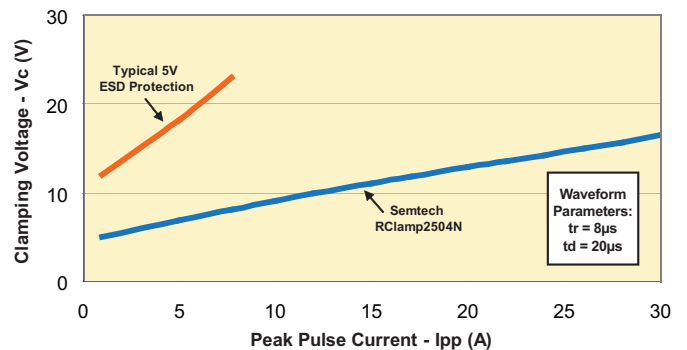
Semtech's RClamp2504N

provides superior low clamping voltage performance for safeguarding your system against transient voltage threats from ESD, Cable Discharge and Lightning Surge.

Key Features:

- Transient protection for high-speed data lines to
 - IEC 61000-4-2 (ESD) $\pm 15\text{kV}$ (air), $\pm 8\text{kV}$ (contact)
 - IEC 61000-4-4 (EFT) 40A (5/50ns)
 - IEC 61000-4-5 (Surge) 25A (8/20 μs)
- Low working voltage: 2.5V
- Superior low clamping performance
- Protects up to four I/O lines
- Presents low capacitance (<5pF)
- Ultra-small package (2.6 x 2.6 x 0.6mm)

Clamping Voltage vs. Peak Pulse Current



Power It. Protect It. Connect It.®



To download RClamp2504N datasheet:
www.semtech.com/eetcnp0608

SEMTECH
INTERNATIONAL AG

www.semtech.com