



# SMD Transient Voltage Suppressors

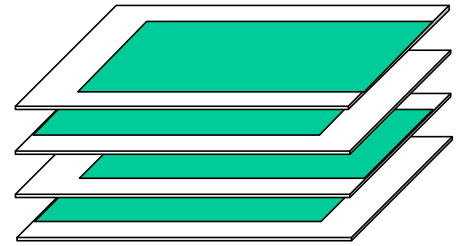
## Transient Voltage Suppressor

### Major Additions and Improvements

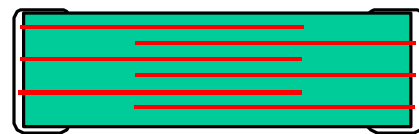
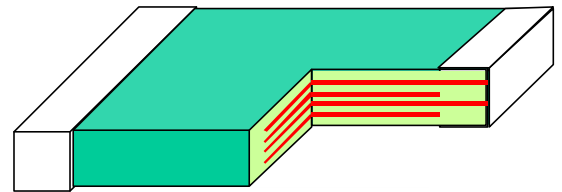
Multilayer Surface Mount Transient Voltage Suppressors (TVS) are manufactured from semiconducting ceramics by the highly advanced multilayer formation technologies, which can offer rugged protection, excellent transient energy absorption and internal heat dissipation. The devices are leadless chip form, eliminating lead inductance and guaranteeing a faster speed of response time of less than 0.5ns, which makes them fast enough to ensure reliable protection against ESD pulse and other specific transient events. These transient suppression devices are significantly smaller footprints and lower profiles than traditional zener diodes or radial MOVs,

### **Electroplating:**

Now Cosonic provided electrode termination is Silver/Palladium.



multilayer formation technologies



Section of the chip