

## BEST OF HIGH – TECH



### Surge Protective Device

**SRM** resistor utilizes special conductive film that enhances anti-surge capability and absorbs harmful surge, MELF packaging is capable of high power handling & SMD-enabled alternative to axial wire-wound resistor, it could be reflow or wave soldered. Besides, SRM resistor can reduce THD (total harmonic distortion) and improve frequency response, it really enhances your product reliability.



**SRM** Resistor passed VDE0860 safety test equivalent to EN60065 under license number 40043961

**Compared with axial wire-wound resistor, SRM melf-resistor will be the best solution for Surge Protective Device (SPD).**

		SRM	Axial Wire-Wound
<b>Mechanical</b>	SMT soldering	Yes	No
	Mechanical intensity	Excellent	Fair
	Anti-vibration	Excellent	Fair
	Thermal dissipation	<b>Excellent</b>	Fair
<b>Electronic</b>	Power density	High	Fair
	Cost/Performance	Excellent	Fair
	Inductance	<b>Low</b>	High

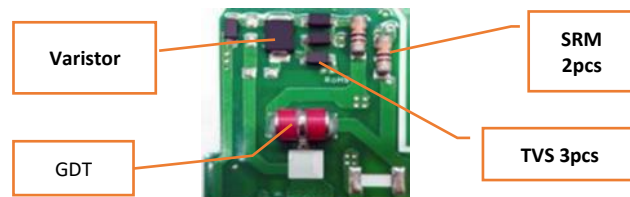
**Example :** The following basic circuit illustrates standard configurations for Surge Protective Device (SPD) used in protection circuits for the telecommunication's sector.

**Further SURGE MELF Resistors:**

- SWM Anti-Surge Wire-Wound
- SWMT Anti-Surge Wire-Wound Fast-Fuse
- ESM ESD Surge Absorber
- C3M100 Composite Film

**Leaded Surge Resistors:**

- SSR Surge Safety
- SGS Spark-Cap Surge Absorber



**Data sheets on our web-site or call your contact person.**