

Thyristor Surge Suppressors(TSS): Glossary



- **Peak Off-state Voltage (V_{DRM}) / Leakage Current (I_{DRM})**
Peak Off-state Voltage: maximum voltage that can be applied while maintaining off state
Leakage Current: maximum peak off-state current measured at V_{DRM}
- **Switching Voltage (V_S) / Switching Current (I_S)**
Switching Voltage: maximum voltage prior to switching to on state
Switching Current: maximum current required to switch to on state
- **On-state Voltage (V_T) / On-state Current (I_T)**
On-state Voltage: maximum voltage measured at rated on-state current
On-state Current: maximum rated continuous on-state current
- **Peak Pulse Voltage (V_{PP})**
Maximum pulse voltage that semiconductor over-voltage protector can withstand
- **Peak Pulse Current (I_{PP})**
Maximum pulse current that semiconductor overvoltage protector can withstand.
- **Holding Current (I_H)**
Holding Current: minimum rated continuous on-state current
- **Off-state Capacitance(C_O)**
Off-state Capacitance: typical capacitance measured in off state