Surface Mount Two Electrode Gas Discharge Tube (GDT)

Part Number: SDH4-200SVSS







Features:

Small 4.4mm x 3.5mm Footprint Surface Mountable Low Capacitance Bi-Directional RoHS and RoHS2 Compliant ISO 9001 & ISO 14001 Certified

UL Recognized (497B File E140906)
High Current and Multiple Strike Capability
Non-Radioactive and Maintenance Free

Protects Against Lightning, Surges, and Over Voltages





Electrical Characteristics	
DC Breakdown Voltage (100 V/sec)	200V ± 20%
Impulse Breakdown Voltage (1 kV/µsec)	≤ 800V
Insulation Resistance (at 100VDC)	≥ 10,000M Ω
Capacitance (at 1MHz)	≤ 0.5pF
DC Holdover Voltage (in accordance to ITU-T K.12)	135V (with current turn-off time of <150ms)
Impulse Life (with 10/1000µsec impulse)	100A (300 times)
Impulse Discharge Current (with 8/20µsec impulse)	5kA (5 times in each polarity)
AC Discharge Current (50Hz, 1 second)	5A (10 times)

After Life Performance (Specs after exceeding Impulse Life, Impulse Discharge Current, or AC Discharge Current conditions)		
DC Breakdown Voltage (100 V/sec)	200V ± 30%	
Impulse Breakdown Voltage (1 kV/µsec)	≤ 1200V	
Insulation Resistance (at 50VDC)	≥ 100M Ω	

Mechanical Characteristics	
Number of Electrodes & Electrode Material	Two Electrodes, Tin Plated
Form Factor / Mounting Method	Surface Mount or Clip
Packaging Type	Tape and Reel (1,800 per reel)

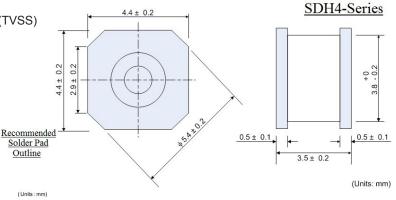
Environmental Characteristics	
Operating and Storage Temperature Range	-40°C to +90°C (-40°F to 194°F)
Operating and Storage Humidity	≤ 90% non-condensing

Applications:

SANKOSHA

Transient Voltage Surge Suppression (TVSS)
Cable and Telephone Products
Routers and Access Points
Modems/Cable Modems
Broadband/CATV/Coaxial Protectors





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