

Surface Mount Three Electrode Gas Discharge Tube (GDT)

Part Number: 3SDH4-200

Features:

- Small 4.4mm x 7.2mm Footprint
- Surface Mountable
- · Low Capacitance
- Bi-Directional

- · RoHS and RoHS2 Compliant
- UL Recognized (497B File E140906)
- ISO 9001 & ISO 14001 Certified

Electrical Characteristics

- · High Current and Multiple Strike Capability
- Non-Radioactive and Maintenance Free
- · Protects Against Lightning, Surges, and Over Voltages



ge Current conditions)

DC Breakdown Voltage (100 V/sec)	200V ± 20% (160V ~ 240V)	
Impulse Breakdown Voltage (1 kV/µsec)	≤ 600V	
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 x 2 (300 times)	
Impulse Discharge Current (with 8/20µsec impulse)	5kA x 2 (5 times in each polarity)	
AC Discharge Current (50Hz, 1 second)	5A x 2 (10 times)	
After Life Performance (Specs after exceeding Impulse Life, Impulse Discharge Current, or AC Discharge C		
DC Breakdown Voltage (100 V/sec)	200V ± 30%	
Impulse Breakdown Voltage (1 kV/µsec)	≤ 700V	
Insulation Resistance (at 100VDC)	≥ 100M Ω	
Mechanical Characteristics		
Number of Electrodes & Electrode Material	Three Electrodes, Tin Plated	
Example of March 1997 Addition		

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Impulse Life Impulse Discl AC Discharg After Life Pe DC Breakdov Impulse Brea Insulation Re

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

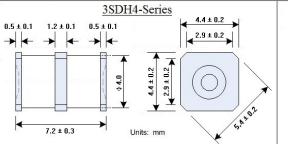
Operating and Storage Temperature Range	-40°C to +90°C (-40°F to 194°F)	
Operating and Storage Humidity	≤ 90% non-condensing	

Toll Free: (888) 711-2436

Phone: (310) 320-1661 Fax: (310) 618-6869

Applications:

- Transient Voltage Surge Suppression (TVSS)
- · Cable and Telephone Products



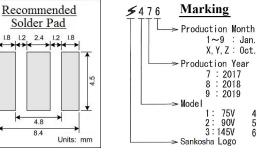
Sankosha U.S.A., Inc. Torrance, CA 90501

- · Routers and Access Points
- Modems/Cable Modems

4.8

8.4

Broadband/CATV/Coaxial Protectors



4:200V 5:230V 6:350V

1~9 ∶ Jan. ~Sep. X, Y, Z∶ Oct. ~Dec.

7 : 2017 8 : 2018 9 : 2019

75V

2: 90V 3:145V