

## Surface Mount Two Electrode Gas Discharge Tube (GDT)

## Part Number: SD4-200SVSS

## 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





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	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 8/20µsec impulse)	100A (1000 times)	
	Impulse Discharge Current (with 8/20µsec impulse)	2.5kA (1 time)	
	AC Discharge Current (50Hz, 1 second)	5A (1 time)	
	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	
A	pplications: Transient Voltage Surge Suppression (TVSS) Cable and Telephone Products Routers and Access Points Modems/Cable Modems Broadband/CATV/Coaxial Protectors	A4±0.2 SDH4-Series	
5	9 6 1 Marking 9 6 1 Month of Manufacture 1.9: January - September X, Y, Z: October - December Production Year 6: 2016 Part Number Code 1 = 75% 4 = 200V 2 = 90V 5 = 230V 3 = 145V 6 = 356V 9 = 504-2005VVSS 9 = 504-2005VVSS Sankosha Company Logo (Units: mm)	$\begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \end{array}$	
	Cantona Company 20go	99) 711 2426	

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