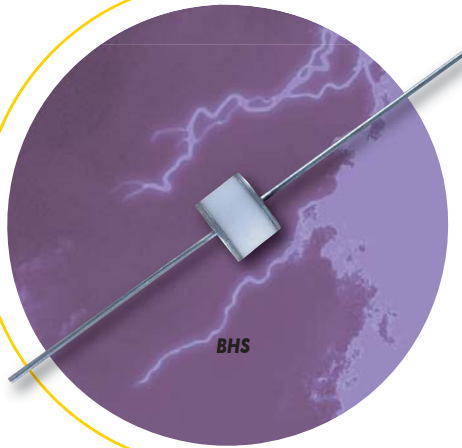
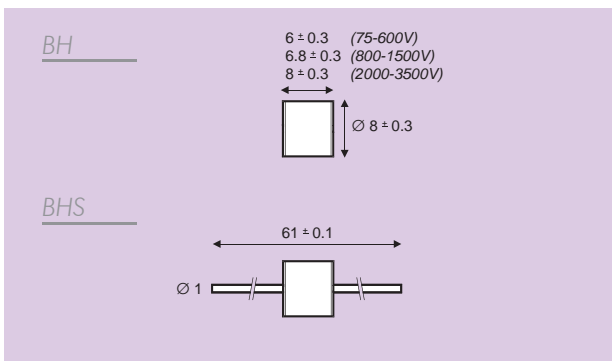


2-electrode Gas discharge tube

BH-BHS (High voltage series)



Dimensions (in mm)



Characteristics

CITEL part number	BH75	BH90	BH230	BH350	BH470	BH500	BH600	BH800	BH1400	BH2500	BH3500
DC sparkover voltage (100V/s)	75 V	90 V	230 V	350 V	470 V	500 V	600 V	800 V	1400 V	2500 V	3500 V
Tolerance	+/-20%	+/-20%	+/-20%	+/-20%	+/-20%	+/-20%	-15/+20%	+/-20%	+/-20%	+/-20%	+/-15%
Impulse sparkover voltage (1kV/μs)	< 700 V	< 700 V	< 700 V	< 850 V	< 1100 V	< 1200 V	< 1200 V	< 1400 V	< 2000 V	< 3800 V	< 4600 V
Holdover voltage (R = 330 ohms in serie RC = 150 ohms/100nF in //)	> 60 V	> 60 V	> 80 V	> 80 V	> 80 V	> 80 V	> 80 V	> 80 V	> 80 V	> 80 V	> 80 V
Insulation resistance (at 100Vdc)	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ
Capacitance (at 1 MHz)	< 0.8 pF	< 0.8 pF	< 0.8 pF	< 0.8 pF	< 0.8 pF	< 0.8 pF	< 0.8 pF	< 0.8 pF	< 0.8 pF	< 0.8 pF	< 0.8 pF
AC discharge current (50Hz, 1s, 5 times)	15 A	15 A	15 A	15 A	15 A	15 A	15 A	10 A	10 A	10 A	10 A
Nominal discharge current (8/20μs, 10 times)	15 kA	15 kA	15 kA	15 kA	15 kA	15 kA	15 kA	15 kA	10 kA	10 kA	10 kA
Options	Lead termination (Ø 1 or Ø 0.8 mm) : BHS External short-circuit : BHC (from 90 to 600 V)										