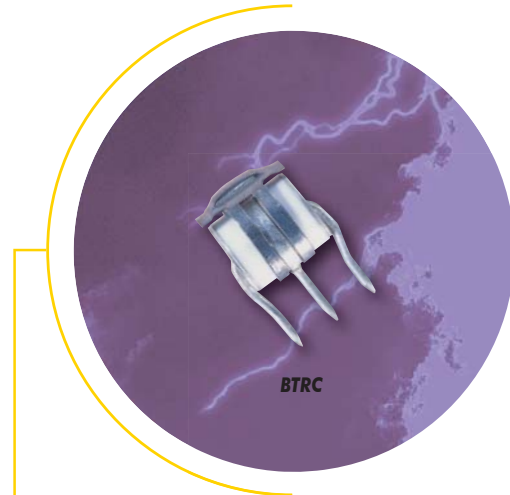
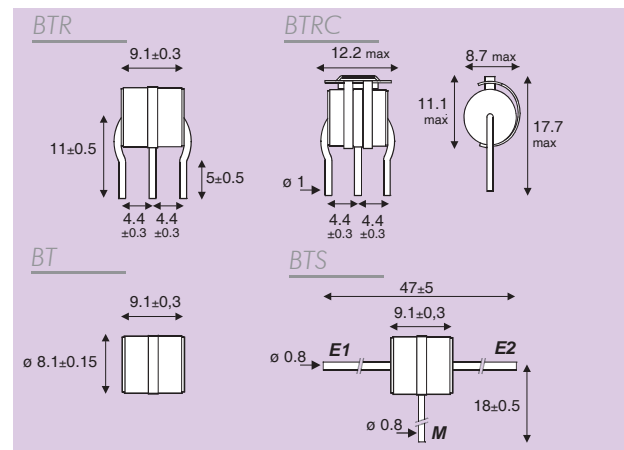


# 3-electrode Gas discharge tube

BT



## Dimensions (in mm)



## Characteristics

CITEL part number	BT90*	BT150	BT230	BT350	BT500
DC sparkover voltage (100V/s) E/M	90 V	150 V	230 V	350 V	500 V
Tolerance	+/-20%	+/-20%	+/-20%	+/-20%	+/-20%
Impulse sparkover voltage (100 V/s) E1/E2	> 70 V	> 120 V	> 184 V	> 280 V	> 400 V
Impulse sparkover voltage (1kV/μs) E/M	< 700 V	< 700 V	< 800 V	< 900 V	< 1200 V
Insulation resistance E/M, E1/E2 (at 100V or 50V for*)	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ	> 10 GΩ
Capacitance (at 1 MHz) E/M, E1/E2	< 0.9 pF	< 0.9 pF	< 0.9 pF	< 0.9 pF	< 0.9 pF
Holdover voltage E/M, E1/E2 (R = 330 Ω in serie RC = 150 Ω / 100nF in //)	> 70 V	> 70 V	> 70 V	> 70 V	> 70 V
AC discharge current (50 Hz, 1s, 10 times)	10 A	10 A	10 A	10 A	10 A
Nominal discharge current (8/20μs, 10 times)	10 kA	10 kA	10 kA	10 kA	10 kA
Options	External Fail-Safe : BTRC Axial lead termination : BTS (Ø 1 or Ø 0.8 mm wire) Radial lead termination : BTR (Ø 1 or Ø 0.8 mm wire)				