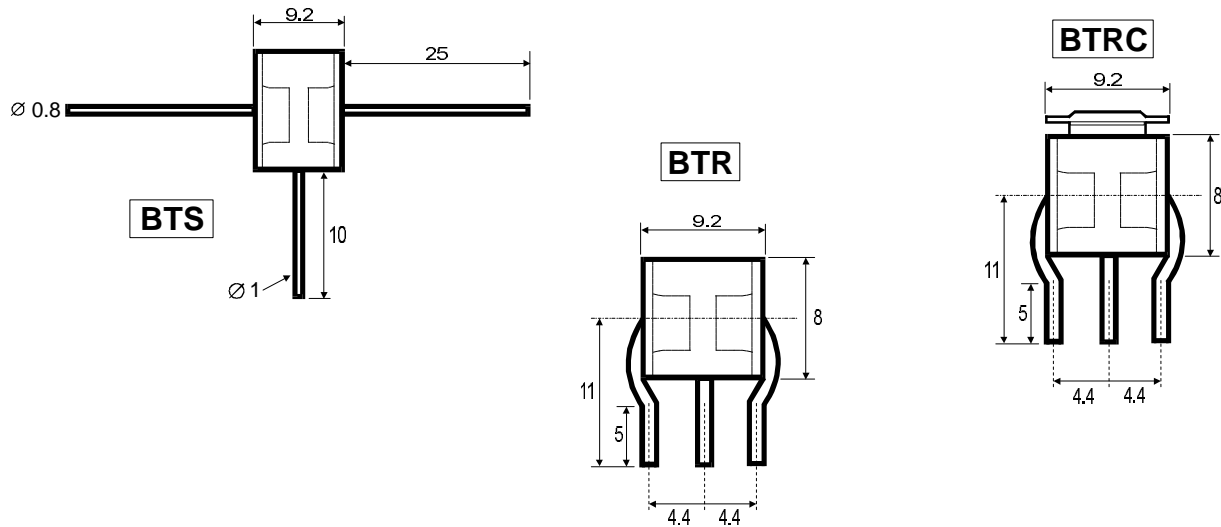


3-Element Surge Arrester Gas Discharge Tubes BT



Note: All dimensions are in millimeters.

The Citel BT Gas Discharge Tubes use non-radioactive technology. They have been designed to protect Telecom and Datacom equipment against lightning surges and electrical transients.

The BTS, S - meaning leaded version, has tin plated leads for PC board mounting.



Non-radioactive



UL approved



Soldering characteristics comply with CEI 68-2-20 standards.



ISO 9002 certified

Electrical Specifications

BT

	BT-90	BT-150	BT-230	BT-350	BT-500
DC Spark-over voltage (100 V/s):	90 V	150 V	230 V	350 V	500 V
Tolerance (%):	+/- 20	+/- 20	+/- 20	+/- 20	+/- 20
Impulse Spark-over voltage: (1kV/μs)	< 700 V	< 700 V	< 800 V	< 900 V	< 1200 V
Isolation Resistance: (100 V DC)	> 1 G Ω	> 1 G Ω	> 1 G Ω	> 1 G Ω	> 1 G Ω
Capacitance: (1 Mhz)	< 1 pF	< 1 pF	< 1 pF	< 1 pF	< 1 pF
AC Discharge Current: (50 Hz; 1s; 10 x's)	10 A	10 A	10 A	10 A	10 A
Holdover Voltage:	> 72 V	> 80 V	> 80 V	> 90 V	> 110 V
Power Handling: (8/20μs- 10 x's)	10 kA	10 kA	10 kA	10 kA	10 kA

Note: Other DC sparkover voltages can be offered upon request.

Part No:

Description:

Bare surge-arrester

With axial leads

With radial leads

With radial leads and fail-safe

Part No:

BT

BTS

BTR

BTRC

Packaging

The BT, BTS, BTR and BTRC gas tubes are shipped in boxes of 100 pieces.