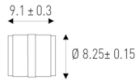


- 3-electrode GDT
- No radiative
- Use in connection blocks and holders
- ITU-K12 compliant
- Available in version for PCB mounting (BT S and BT R series)



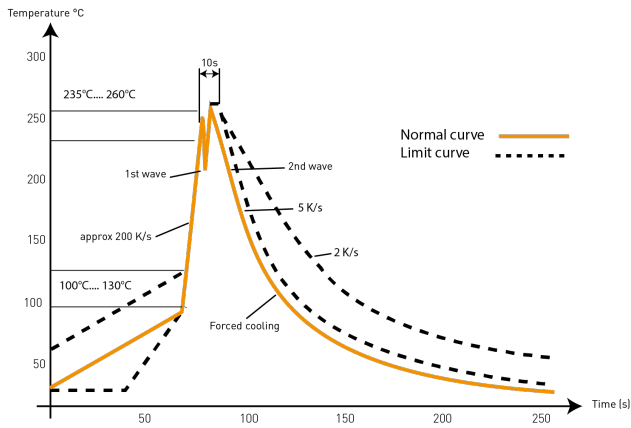
| Electrical Characteristics | |
|----------------------------------------------------------------------------------|------------------------------|
| DC sparkover voltage (100V/s) | 280-420 V |
| DC spark voltage tolerance (100V/s) | +/- 20% |
| Maximum impulse sparkover voltage (1kV/μs) | ≤ 800 V |
| Nominal discharge current (10 x 8/20μs impulses) | In 20 kA |
| Total Maximum discharge current (max. total withstand @ 8 /20 μs) | I _{max} Total 25 kA |
| Max. capacitance | C < 0.9 pF |
| Insulation resistance | IR ≥ 10 GOhms |
| Arc Voltage | ≤ 25 V |
| Glow-to-arc transition current | 0.5 A |
| Glow voltage | ≤ 100 V |
| AC discharge current (50Hz) | 20 A |
| DC Holdover voltage (R = 300 ohms in serie R = 150 ohms; 100nF en parrallel) | > 80 V |
| Mechanical Characteristics | |
| Technology | Gas discharge tube |
| Operating and storage temperature | -40°C / +90°C |
| Dimensions | See diagram |
| Weight | 2.23 g |
| Standards | |
| Standards compliance | ITU-T K12 rec. |
| Certification | UL Recognized / ROHS |
| RohS compliance | Yes |
| Part number | |
| 9290015 | |

Note: NQA Niveau II 0,65, ISO DIN 2859

Soldering recommendation

Wave soldering cycle for gas discharge tubes:

BT 350/20



The curve is conform with the standard test: IEC 60068 part 2-58.

Annotation:

The soldering oven (reflow or wave) for gas discharge tube with failsafe mechanism must be define with precaution.