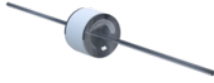
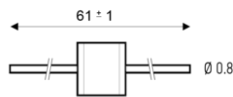


BB S 470/20



- 2-electrode GDT
- No radioactive
- For PCB mounting (BBS series)
- Lead termination version
- ITU-K12 compliant
- Available in Tape & Reel Packaging



Electrical Characteristics

| | | |
|---|------------------------|-----------|
| DC sparkover voltage (100V/s) | | 376-564 V |
| DC spark voltage tolerance | | +/- 20% |
| Maximum impulse sparkover voltage (1kV/μs) | | <1000 V |
| Nominal discharge current 10 x 8/20μs impulses | I _n | 10 kA |
| Total Maximum discharge current max. total withstand @ 8 /20 μs | I _{max Total} | 25 kA |
| Impulse discharge current 10/350μs - 1 time | | 2 kA |
| Max. capacitance | C | <0.8 pF |
| Insulation resistance | IR | ≥10 GOhms |
| Arc Voltage | | ≤ 25 V |
| Glow voltage | | ≤ 120 V |
| AC discharge current (50Hz) | | 10 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 |
| Connection | | Wire |
| Tape & Reel | | BB S (T&R) 470/20 - 928402101 |
| Dimensions | | See diagram |
| Weight | | 1.59 g |

Standards

| | | |
|----------------------|--|----------------|
| Standards compliance | | ITU-T K12 rec. |
| RohS compliance | | Yes |

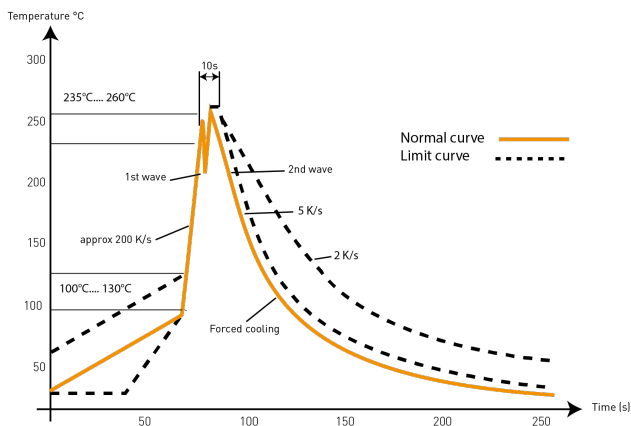
Part number

9284021

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

Soldering recommendation

Wave soldering cycle for gas discharge tubes:



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 to be define with precaution.

