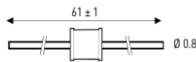


### BA S(T&R) 350/20



- The smallest 2-electrode GDT
- No radioactive
- Used in connector blocks and adapted holders
- SMD compatible
- Version lead termination available (BA S)
- Available in Tape&Reel packaging



#### Electrical Characteristics

DC sparkover voltage (100V/s)		280-420 V
DC spark voltage tolerance		+/- 20%
Maximum impulse sparkover voltage (1kV/μs)		<900 V
Nominal discharge current 10 x 8/20μs impulses	I <sub>n</sub>	10 kA
Total Maximum discharge current max. total withstand @ 8 /20 μs	I <sub>max</sub> Total	25 kA
Impulse discharge current 10/350μs - 1 time		2 kA
Max. capacitance	C	<0.3 pF
Insulation resistance	IR	≥10 GOhms
Arc Voltage		≤ 25 V
Glow voltage		≤ 100 V
AC discharge current (50Hz)		10 A
DC Holdover voltage R = 300 ohms in serie R = 150 ohms; 100nF en parallel		>80 V

#### Mechanical Characteristics

Impulse life 300 times, interval 2 min		50 A
Technology		Gas discharge tube
GDT configuration		2-electrode
Operating and storage temperature		-40°C / +90°C
Connection		Wire
Number of units per package		800 units per packaging
Tape&Reel Version		Bending version
Dimensions		See diagram

#### Standards

Standards compliance		ITU-T K12 rec.
Certification		UL1283
RohS compliance		Yes

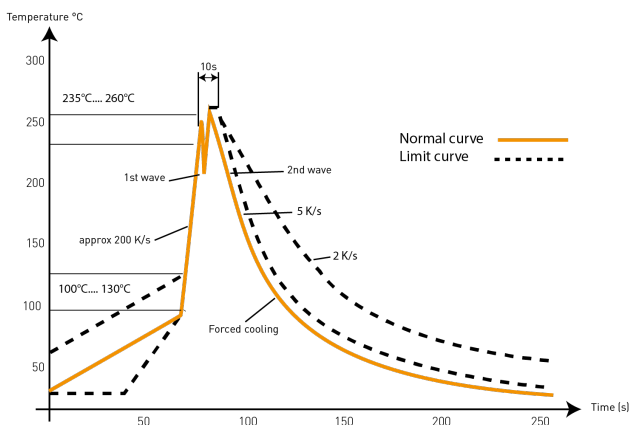
#### Part number

929821501

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

#### Soldering recommendation

Wave soldering cycle for gas discharge tubes:



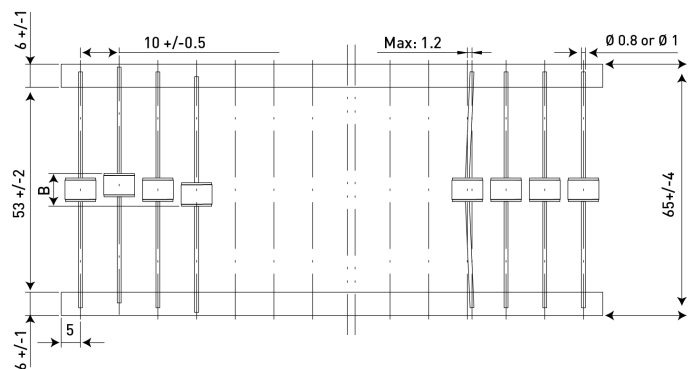
The curve is conform with the standard test: IEC 60068 part 2-58.

#### Annotation:

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

#### Packaging specification

Radial taping layout for gas discharge tubes with wire output:



The CITEL gas discharge tubes with wire output are provided in a radial tape in a pack of 500 components (plan opposite) following the specification IEC 286-1.

