

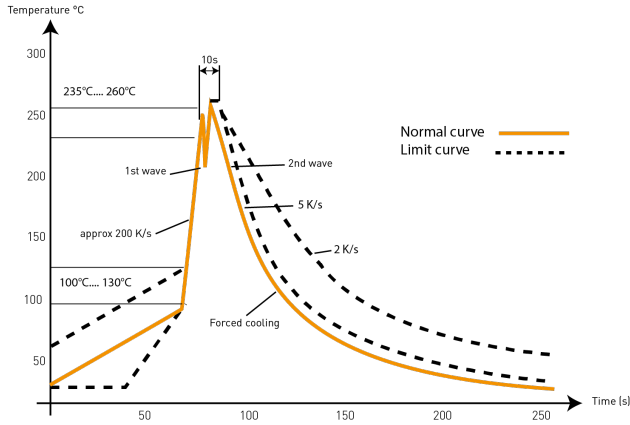
Electrical Characteristics		
DC sparkover voltage (100V/s)		72-108 V
DC spark voltage tolerance (100V/s)		+/- 20%
Maximum impulse sparkover voltage (1kV/µs)		< 600 V
Nominal discharge current (10 x 8/20µs impulses)	In	10 kA
Total Maximum discharge current (max. total withstand @ 8 /20 µs)	I _{max} Total	25 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 parrallel)		> 60 V
Mechanical Characteristics		
Technology		Gas discharge tube
Operating and storage temperature		-40°C / +90°C
Dimensions		See diagram
Weight		0.41 g
Standards		
Standards compliance		ITU-T K12 rec.
Certification		UL Recognized / ROHS
RohS compliance		Yes
Part number		
9298001		

Note: At delivery AQL 0.65 II, DIN ISO 2859

Soldering recommendation

Wave soldering cycle for gas discharge tubes:

BA 90/20



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.