

Gas Discharge Tube

Features

- Small Size Design $\phi 8.0 \times 8.0 \text{mm}$
- Voltage range: 1400V-3600V
- Current Handling Capability: 5.0KA@8/20 μs
- Low Capacitance and insertion loss
- Fast Response and long service life
- Pb-free (RoHS compliant) package
- Moisture sensitivity level: Level 1



Application

- Communication equipment
- CATV equipment
- Test equipment
- Data lines
- Power supplies
- Telecom SLIC protection
- Broadband equipment
- ADSL equipment, including ADSL2+
- XDSL equipment
- Satellite and CATV equipment
- General telecom equipment

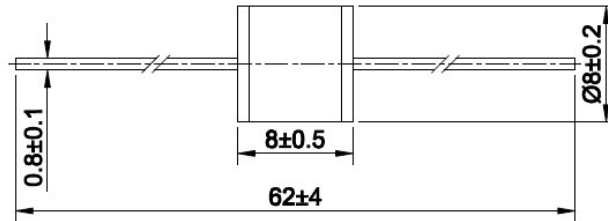
Electrical Characteristics

Catalog Number	DC Spark-Over voltage 100V/S	Impulse Spark-Over voltage 1KV/ μs	Nom impulse discharge current 8/20 $\pm 5\text{T}$ (60S)	Insulation Resistance(DC)	Capacitance 1MHZ<6V
KW8A2R1400	1400 $\pm 20\%$ V	2800V	5KA	500V > 1G Ω	< 1.0pF
KW8A2R1500	1500 $\pm 20\%$ V	2900V	5KA	500V > 1G Ω	< 1.0pF
KW8A2R2000	2000 $\pm 20\%$ V	3000V	5KA	1000V > 1G Ω	< 1.0pF
KW8A2R2500	2500 $\pm 20\%$ V	3600V	5KA	1000V > 1G Ω	< 1.0pF
KW8A2R3000	3000 $\pm 20\%$ V	4200V	5KA	1000V > 1G Ω	< 1.0pF
KW8A2R3600	3600 $\pm 20\%$ V	5000V	5KA	1000V > 1G Ω	< 1.0pF

Agency Approvals

Agency	Agency File Number
	E507922

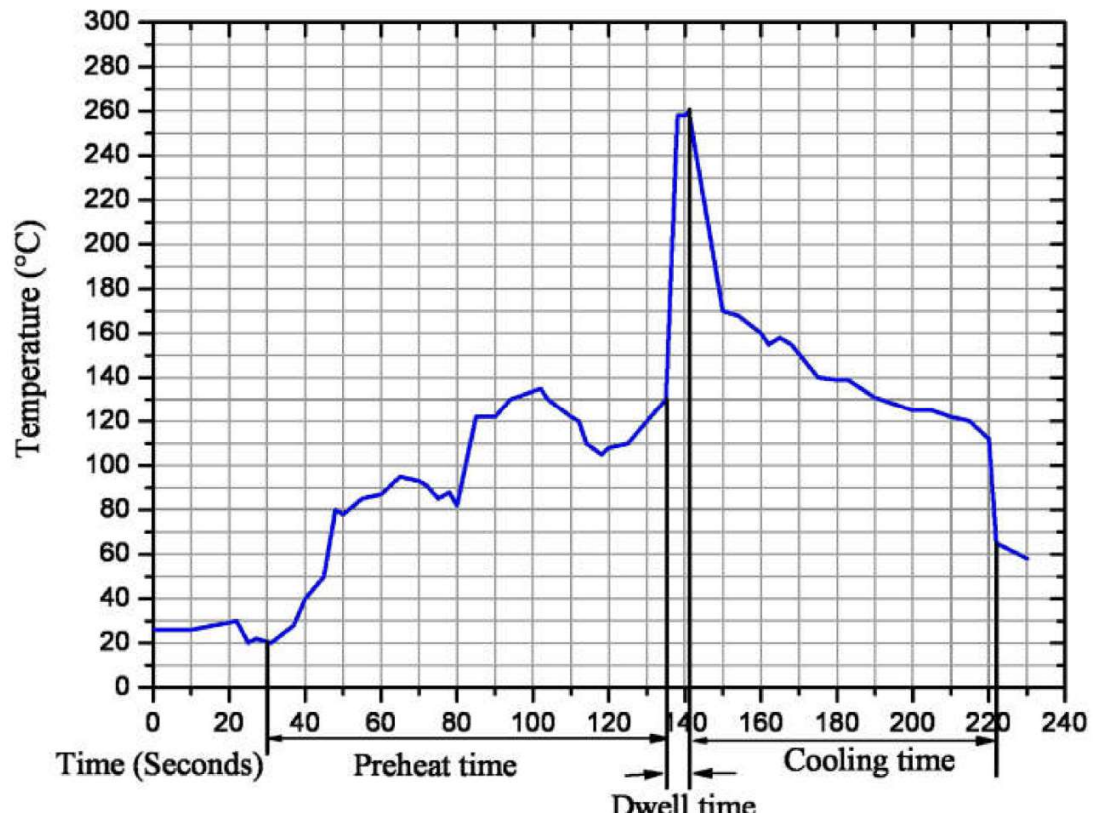
Package outline



Soldering method

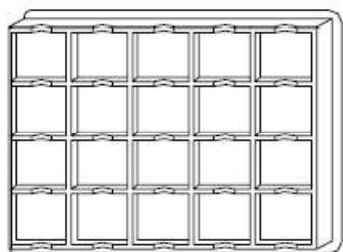
- Soldering Parameters - Hand Soldering
 - Solder Iron Temperature: $350^{\circ}\text{C} \pm 5^{\circ}\text{C}$
 - Heating Time: 5 seconds max.

Soldering Parameters - Wave Soldering (Thru-Hole Devices)

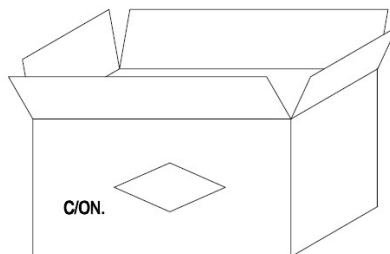


Wave Parameter	Lead(Pb) free solder
Temperature Minimum:	100°C
Temperature Maximum:	150°C
Preheat Time:	60-180 seconds
Solder Pot Temperature:	260°C
Solder Dwell Time:	2-5 Seconds

Standard Packing



100PCS/PVC



5000PCS/BOX

Note: The relevant parameters of the specification are reference data, please contact the company for details, please provide the latest acknowledgment, the specification is subject to modification without notice.