

Gas Discharge Tube (GDT) Datasheet

Features

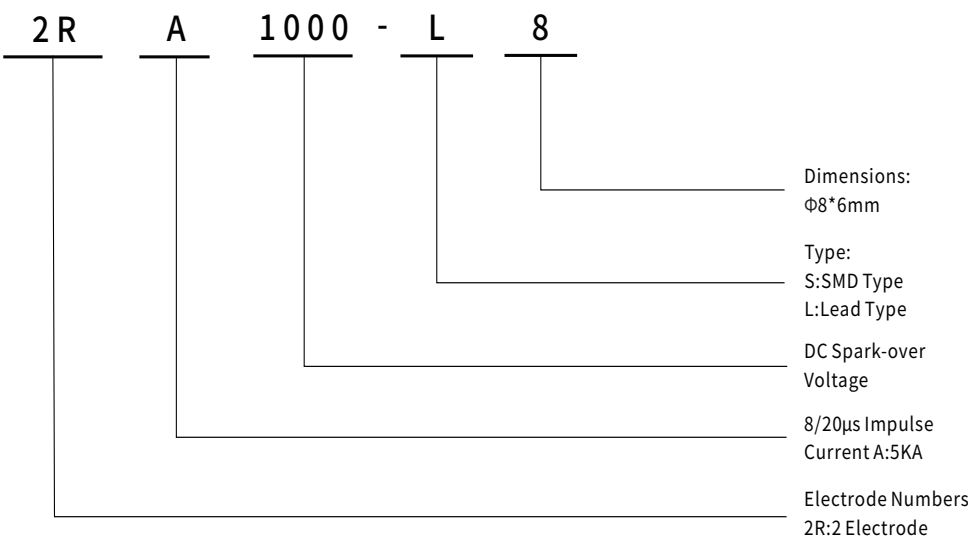
- Excellent response to fast rising transients
- Stable breakdown voltage
- Low capacitance and Insertion Loss
- High insulation resistance
- Dimensions $\Phi 8 \times 6\text{mm}$
- Storage and operating temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Reliable to Protect Electrostatic Surge
- High Current Handling Capability @8/20 μs ;
- Moisture sensitivity level :Level 1

DC Spark-over Voltage
1000V to 3600V

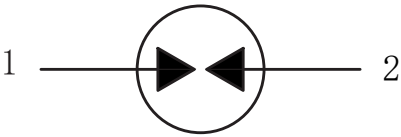
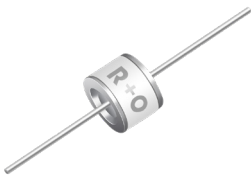
Applications

- Test equipment
- AC Power
- Power supplies
- Telephone Interface, Line cards
- General Telecommunications equipment

Part Number Code



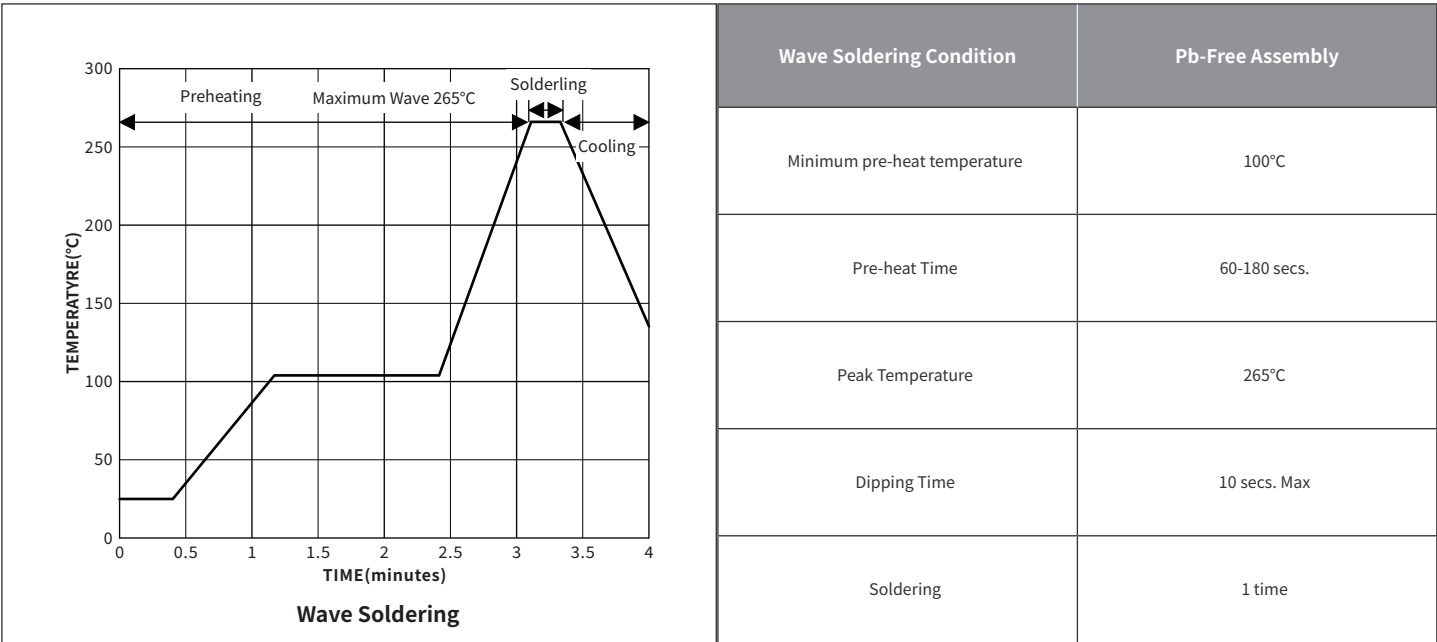
2RA-L8 Series



● Electrical Characteristics (Ta=25°C Unless otherwise specified)

Part Number	Marking	DC Spark-over Voltage	Maximum Impulse Spark-over Voltage	Nominal Impulse Discharge Current@8/20μs	AC discharge Current	Impulse Life @10/1000μs	Minimum Insulation Resistance		Maximum Capacitance
		100V/S	1000V/μs	±5times	50Hz,1sec	100A	Test Voltage	GΩ	1MHz
		(V)	(V)	(KA)	(A)	Times	DC(V)		(pF)
2RA1000-L8	R+O A1000-8	1000V±20%	1600	5	3	300	100	1	1.5
2RA1500-L8	R+O A1500-8	1500V±20%	2500	5	3	300	100	1	1.5
2RA2000-L8	R+O A2000-8	2000V±20%	3000	5	3	300	100	1	1.5
2RA2500-L8	R+O A2500-8	2500V±20%	3600	5	3	300	100	1	1.5
2RA3000-L8	R+O A3000-8	3000V±20%	4000	5	3	300	100	1	1.5
2RA3600-L8	R+O A3600-8	3600V±20%	4500	5	3	300	100	1	1.5

● Recommended Soldering Conditions



● Ordering Information

SERIES	SIZE(mm)	DELIVERY MODE	MPQ(pcs)	BOX(pcs)	CARTON(pcs)
2RA-L8 Series	Φ8×6	Tray	100	500	6,000

● Important Notice

1. This series is designed, manufactured, and sold exclusively for the domestic market (China).
2. This series is NOT UL Certified, and our company does not market or sell this product for use overseas.
3. If the customer exports this series to overseas markets (including but not limited to North America) without our prior written consent, the customer shall assume all risks and liabilities arising from the product's lack of UL certification.
4. By purchasing, using, or handling this product, the customer is deemed to have fully acknowledged and agreed to all terms stated in this notice.