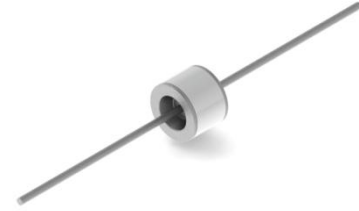


2-Electrode Gas Discharge Tube (GDT)

Features

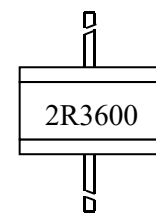
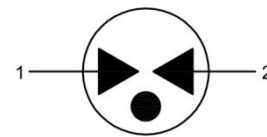
- Features non radioactive
- DIP and with axial wire type
- Low capacitance ($\leq 1.0\text{pF}$)
- High insulation resistance
- Size 5.5X6
- Storage and operating temperature: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- Material: RoHS compliant



Applications

- Communication industry
- Video surveillance
- Outdoor lighting igniter
- Signal line protection
- Signal line protection
- Civil circuit appliances

Schematic



Marking: 2R3600

Color: Blue

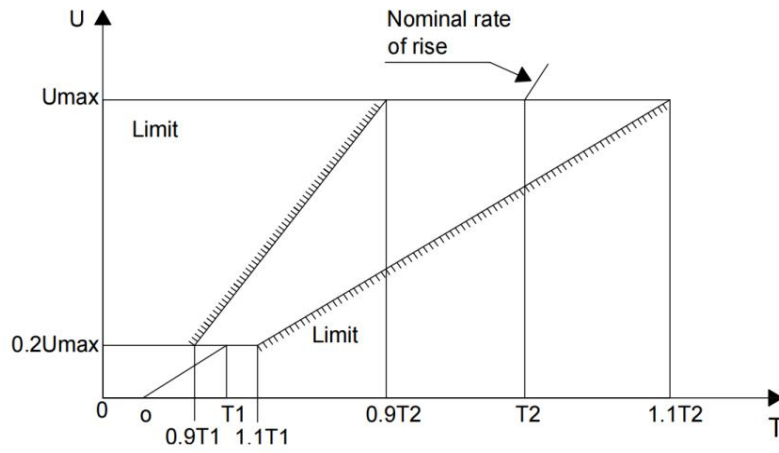
Electrical Characteristics

Part Number	DC Spark-over Voltage	Max. Impulse Breakdown Voltage	Discharge Current (8/20 μs)	Discharge Current (8/20 μs)	AC Discharge Current	Impulse Life (10/1000 μs)	Minimum Insulation Resistance		Max. Capacitance 1MHz
	100 V/S	1 KV/ μs	10 times	1 time	50 Hz, 1 S	100 A	Test Voltage	(G Ω)	
	V	V	KA	KA	A	Times	DC(V)		(pF)
2R3600-5L	3600 \pm 20%	5000	3.0	5.0	3.0	300	100	1.0	1.0

Notes:

- 1). Terms in accordance with ITU-T K.12 and GB/T 9043-2008
- 2). At delivery AQL 0.65 level II , DIN ISO 2859
- 3). DC spark-over voltage $\pm 30\%$ after load

DC Breakdown Voltage



8/20μs, Test wave

T₁=1.25T=8μs±20%

T₂=20μs±20%

10/700μs, Test wave

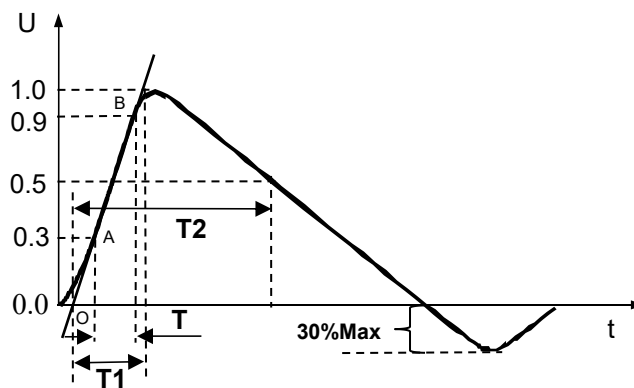
T₁=1.67T=10μs±20%

T₂=700μs±20%

10/1000μs, Test wave

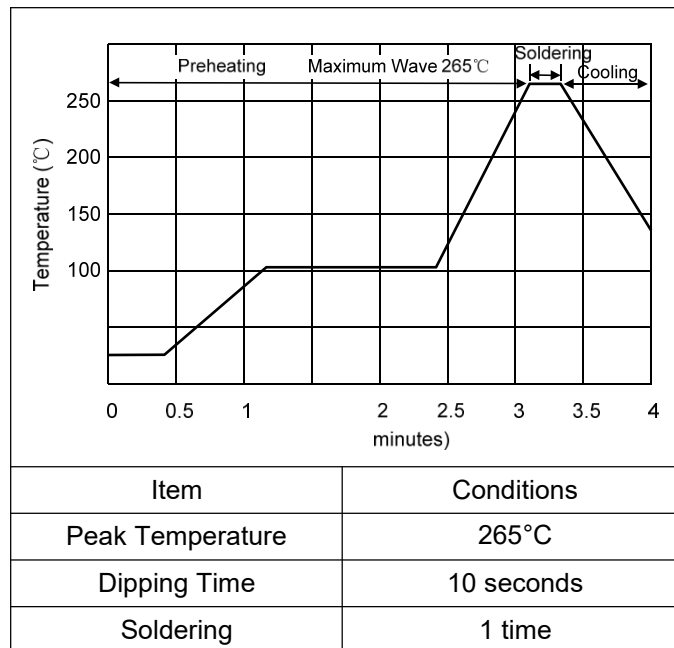
T₁=1.67T=10μs±20%

T₂=1000μs±20%

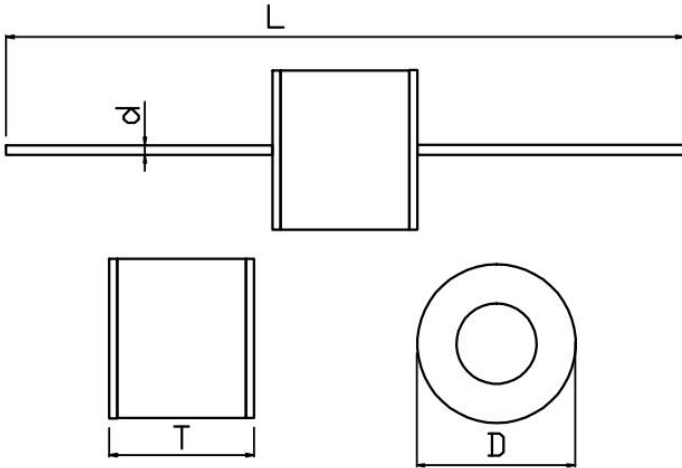


Recommended Soldering Conditions

Wave Soldering



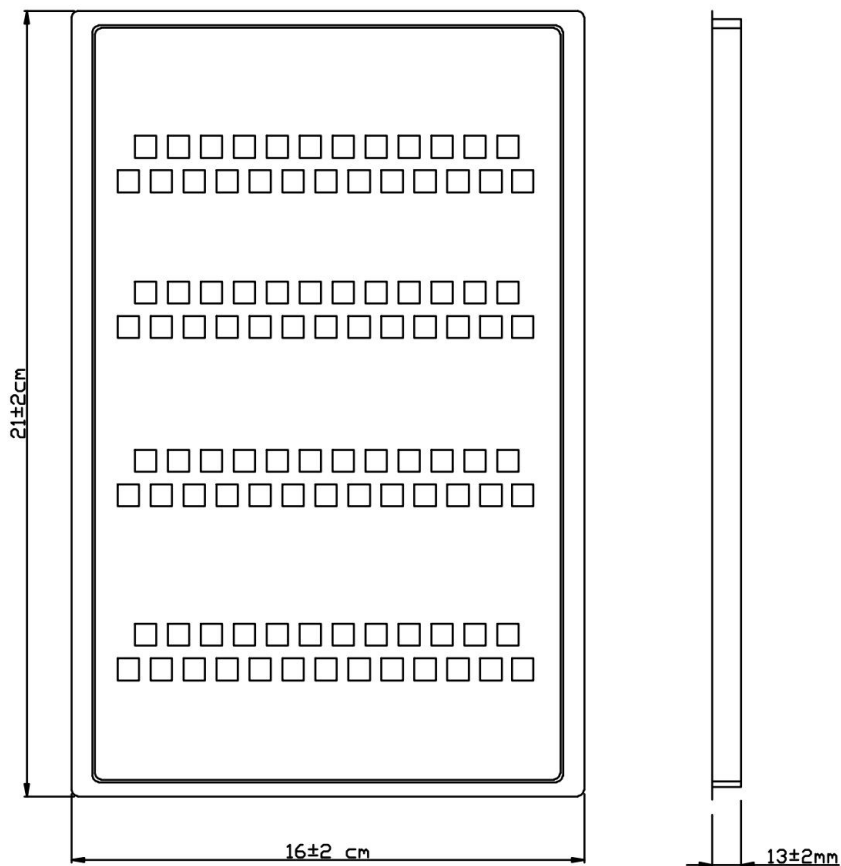
Dimensions (unit: mm)



Symbol	Dimension(mm)	
	Spec	Tolerance
D	5.5	+0.3/-0.5
T	6.0	+0.3/-0.5
L	62	± 2
d	0.8	± 0.05

Packaging:

100pcs/box 500pcs/Inner box



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