

Innovative Service Around the Globe YACEO

DATA SHEET

GAS DISCHARGE TUBES TELEPHONE INTERFACE 2RK3600M-5

RoHS compliant & free



GAS DISCHARGE TUBS

2RK3600M-5

Gas Discharge Tube (GDT) Data Sheet

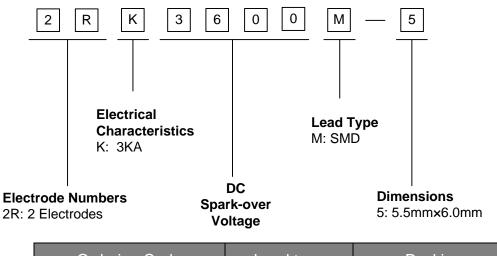
Features

- Provide ultra-fast response to surge voltage from slow-rising surge of 100V/s to rapid-rising surge of 1KV/µs.
- Stable breakdown voltage.
- High insulation resistance.
- Low capacitance (≤1.5pF)
- High holdover voltage
- Large absorbing transient current capability.
- Micro-Gap Design
- Size: 5.5mm*6.0mm
- Storage and operational temperature: -40°C ~ +85°C
- Meets MSL level 1, per J-STD-020
- Safety certification: UL

Applications

- Standard power supplies requisite by US UL1449.
- Highly reliable power supplies.
- Three or two phases industrial or civic machinery equipment power.
- Power supplies for IC or electronic circuits.

Part Number Code



Ordering Code	Lead type	Packing		
2RK3600M-5	SMD	Tape & Reel		

Marking

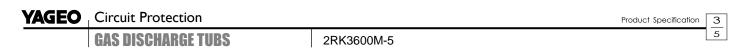
B : BrightKing Logo

2RK3600-5 : Device Marking Code

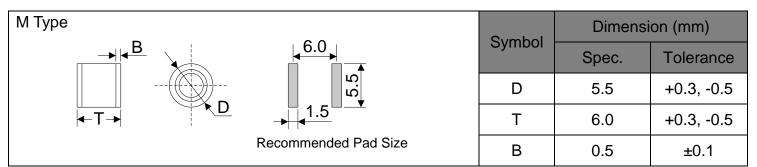
XXXX : Internal Control Code

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Dimensions



Electrical Characteristics

Part	DC Spark-over Voltage	Maximum Impulse Spark-over Voltage	Nominal Impulse Discharge Current	Impulse Life	Minimum Insulation Resistance		Maximum Capacitance	AC Withstanding	Device Marking
Number	100V/s	1000V/µs	8/20µs 1times	8/20µs 100A	Test Voltage	(GΩ)	1MHz	Voltage	Code
	(V)	(V)	(KA)	(times)	DC(V)		(pF)		
2RK3600M-5	3600±20%	5000	3.0	300	1000	1.0	1.5	AC1800, 1s	2RK3600-5

Electrical Ratings

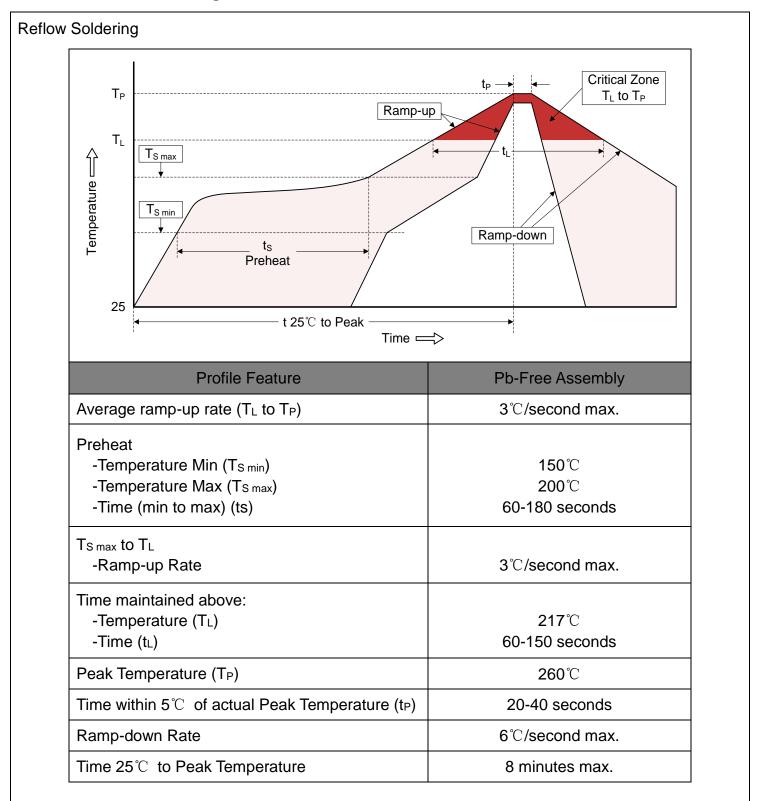
Items	Test Condition/Description	Requirement		
DC Spark-over Voltage	The voltage is measured with voltage ramp dv/dt=100V/s.			
Maximum Impulse Spark-over Voltage				
Impulse Discharge Current	Maximum 8/20µs surge current that can be applied between two electrodes, 5 positive and 5 negative surges, with 3 minutes interval time.	To meet the specified value		
Insulation Resistance	The resistance of gas tube shall be measured between two electrodes.			
Capacitance	The capacitance of gas tube shall be measured between two electrodes. Test frequency: 1MHz			

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Recommended Soldering Conditions

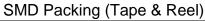


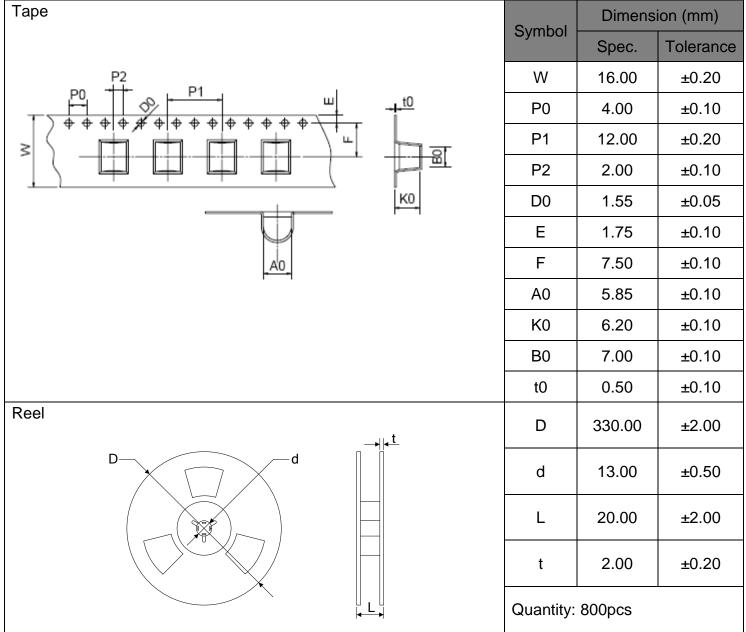
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Packaging





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