

## FEATURES

- Provide ultra-fast response to surge voltage from slow-rising of 100V/s to rapid-rising surge of 1KV/ $\mu$ s.
- Small : 8\*6mm
- Stable breakdown voltage.
- High insulation resistance.
- Low capacitance and insertion loss.
- Reliable to protect electrostatic surge.



## APPLICATION

- Repeaters, Modems.
- Telephone interface, line cards.
- Data communication equipment.
- Line test equipment.

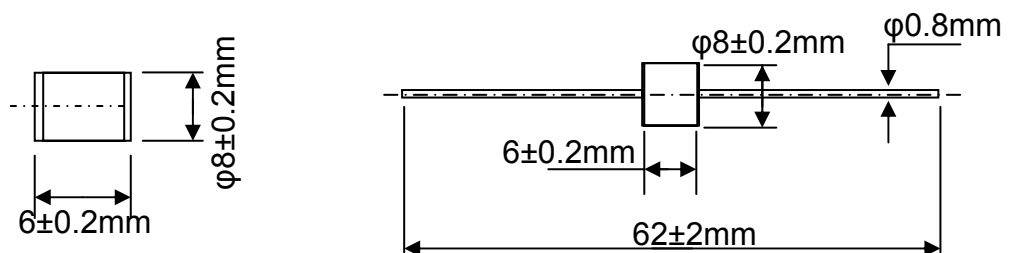
## ELECTRICAL CHARACTERISTIC

Part Number	DC Breakdown Voltage 100V/s(V)	Tolerance of Vs	Impulse spark-over voltage 1kV/ $\mu$ s(V)	Insulation Resistance		Impulse Discharge Current 8/20 $\mu$ s	C
	V	%	V	G $\Omega$	DC	KA	pF
8-2R3600	3600	$\pm 20$	$\leq 5000$	$\geq 10$	300	2.5	$\leq 1$

1. The parameters of all tested by ITU-T K12.
2. Total Impulse discharge current 10000A@ 8/20 $\mu$ s by IEC 61000-4-5, 10 shots.
3. The capacitance are tested by 1MHz @DC=0.3V.

## PACKAGE DIMENSIONS

(unit: mm)



**PART NUMBER CODE****8 2R 3600 M 6**

① ② ③ ④ ⑤

- ① Brand name.
- ② Sembo 2-Electrod DIP Gas Discharge Tube;
- ③ DC breakdown Voltage;
- ④ Tolerance is DC breakdown voltage, L=±15%, M=±20%, N=±30%
- ⑤ Gas discharge tube in 8.0\*6.0 (mm)

**PACKAGING**

Part Number	Component Package	Quantity
φ8-2Rxxx	8.0*6.0	500