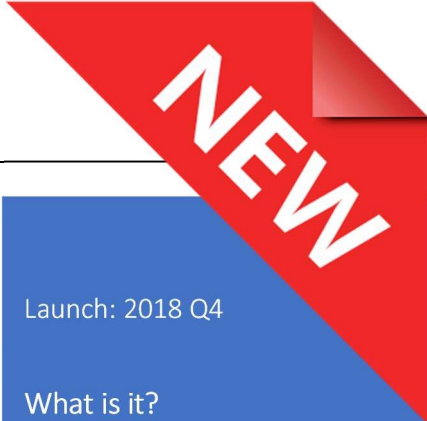


# DAF ENTERPRISES LIMITED

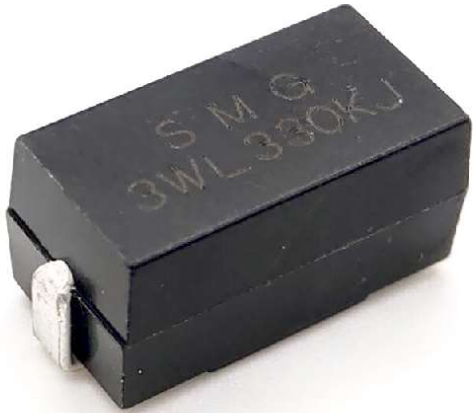
e-mail: [sale@daf.com.hk](mailto:sale@daf.com.hk) call: +852-2795 3111 url: [www.daf.com.hk](http://www.daf.com.hk)



## Metal glaze high voltage chip resistors (Anti-sulfuration)

Manufactured by:

**Ty-ohm**



Launch: 2018 Q4

### What is it?

- High voltage resistor
- Metal glaze element
- UL94V0 flame proof
- Molded SMD package
- Anti-sulfuration
- Models: 1WL, 2WL, 3WL
- Max. working voltage: up to 3.5KV
- Origin: Taiwan

### Why is it?

- Simplify high-voltage circuit dividing circuitry.
- Overcome maximum voltage limitation on SMD PCB
- Decrease failure risk by reducing numerous of surface mount process



### Features:

1. Unique anti-high voltage metal-glaze elements molded package
2. Take place of complicated design, multiplying chip resistors and melf resistors in series, to divide high voltage on SMD PCB circuit.
3. Get advantage from PCB size reduction, assembly cost and decrease risk of failure rate at the same time.
4. Flameproof UL94V0 molded package, resistant to sulfuration, heat and humidity.
5. Excellent insulation characteristics, high dielectric withstanding voltage up to 1KV.
6. Ultra high surge withstanding & pulse withstanding performance.
7. High mechanical strength and excellent electrical stability.
8. Resistance value starts from 47Kohm to as high as 33Mohm.

### How to order?

SMG 2WL 47K J

a.    b.    c.    d.

a: Type: SMG

b: Rated wattage: shown by "WL", such as 1WL, 2WL, 3WL

c: Nominal resistance: 47Kohm

d: Tolerance: F = ±1%, J = ±5%

Type	Size (mm)	Maximum Working Voltage	
		DC	RMS
SMG 1WL	4.0 x 7.9	1600V	1150V
SMG 2WL	5.5 x 12.0	3500V	2500V
SMG 3WL	7.3 x 17	5000V	3500V