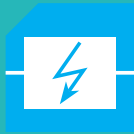
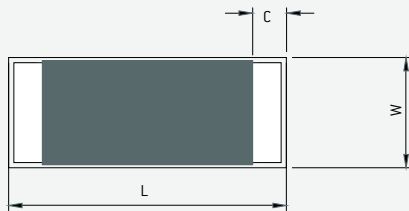


HIGH VOLTAGE SMD RESISTORS HVS 967



As a variant of the reliable HVR967 type series, high voltage SMD resistors present an interesting addition to the classic standard SMD chip resistors.



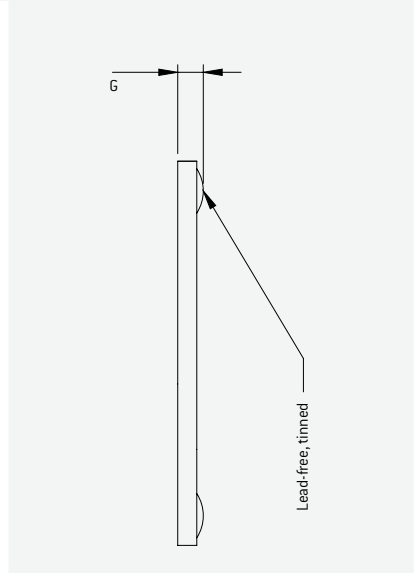
- Pulse-proof
- Low inductance
- SMD assembly

SAMPLE ORDER				
HVS 967.3.38 Type	B Cover	100M Resistance value	1 % Tolerance	TC25 Temperature coefficient
	G = glass	R = Ω	0.5 %	25 ppm/°C
	B = operation in air	K = KΩ	1 %	50 ppm/°C
	D = operation in oil	M = MΩ	2 %	100 ppm/°C
		G = GΩ	5 %	200 ppm/°C
			10 %	
			20 %	

TYPE SELECTION HVS 967							
TYPES	TOLERANCE						
	TCR(ppm/°C)	0.50 %	1 %	2 %	5 %	10 %	20 %
967.3.25 1 W 8 kV [air] 12 kV [oil]	25 / 50 100	5 K – 2 G 5 K – 2 G	2 K – 2 G 2 K – 2 G	2 K – 2 G 2 K – 2 G	2 – 2 G 2 K – 2 G	2 K – 2 G 2 K – 2 G	2 K – 2 G 2 K – 2 G
967.5.13 1 W 5 kV [air] 7.5 kV [oil]	25 / 50 100	4 K – 500 M 4 K – 500 M	4 K – 3 G 4 K – 3 G	4 K – 3 G 4 K – 3 G	4 K – 3 G 4 K – 3 G	4 K – 3 G 4 K – 3 G	4 K – 3 G 4 K – 3 G
967.6.12 1 W 5 kV [air] 7.5 kV [oil]	25 / 50 100	4 K – 500 M 4 K – 500 M	4 K – 3 G 4 K – 3 G	4 K – 3 G 4 K – 3 G	4 K – 3 G 4 K – 3 G	4 K – 3 G 4 K – 3 G	4 K – 3 G 4 K – 3 G
967.6.25 1.5 W 10 kV [air] 15 kV [oil]	25 / 50 100	3 K – 500 M 3 K – 500 M	2 K – 1 G 2 K – 1 G	2 K – 1 G 2 K – 1 G	2 K – 1 G 2 K – 1 G	2 K – 1 G 2 K – 1 G	2 K – 1 G 2 K – 1 G
967.8.26 1.5 W 10 kV [air] 15 kV [oil]	25 / 50 100	3 K – 500 M 3 K – 500 M	2 K – 1 G 2 K – 1 G	2 K – 1 G 2 K – 1 G	2 K – 1 G 2 K – 1 G	2 K – 1 G 2 K – 1 G	2 K – 1 G 2 K – 1 G

Other resistance values and temperature coefficients upon request.

DIMENSIONS					
TYPES	W [width]	C	G	L [length]	Unit
967.3.25	3.8 (0.2)	1.55 (0.06)	0.63 (0.02)	25.4 (1.0)	mm (inches)
967.5.13	5.0 (0.2)	1.55 (0.06)	0.63 (0.02)	12.7 (0.5)	mm (inches)
967.6.12	6.35 (0.25)	1.55 (0.06)	0.63 (0.02)	12.7 (0.5)	mm (inches)
967.6.25	6.35 (0.25)	1.55 (0.06)	0.63 (0.02)	25.4 (1.0)	mm (inches)
967.8.26	8.0 (0.31)	1.55 (0.06)	0.63 (0.02)	25.4 (1.0)	mm (inches)



GENERAL TECHNICAL SPECIFICATIONS

Tolerance	0.5 % to 20 %*
Temperature coefficient	25 ppm/°C to 200 ppm/°C*
Insulation resistance	10,000 MΩ (500 V 25 °C 75 % relative humidity)
Dielectric strength of the insulation	>1,000 V (25 °C 75 % relative humidity) ΔR/R 0.25 % max.
Thermal shock	ΔR/R 0.25 % max.
Temperature range (operation/storage)	–55 °C to +175 °C (–55 °C to +100 °C)
Cover	Epoxy-based varnish
Connection type	Solder pads, tinned

Depending on ambient conditions, the characteristics of resistors can change. We recommend a suitability test under operational conditions.
* Other values upon request.