



Genvolt
high voltage power supplies

Genvolt design, develop and manufacture
a wide range of high voltage power supply systems

High Voltage Resistors



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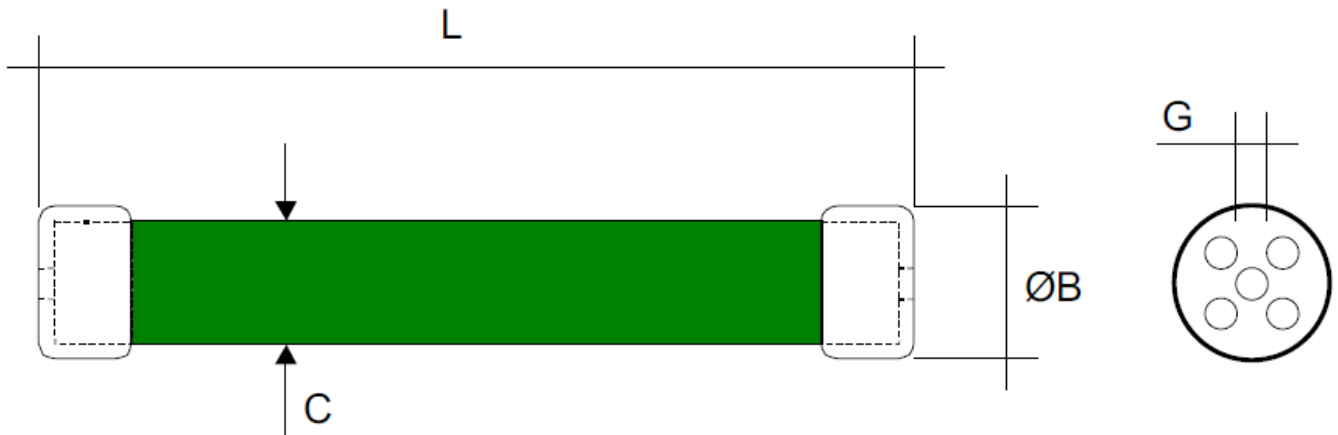
Registered in England and Wales N° 8087238



RES100 RANGE

High Power, High Voltage Resistors

These resistors are designed for the usage in voltage dividers, test equipment, medical equipment, measuring equipment and test load



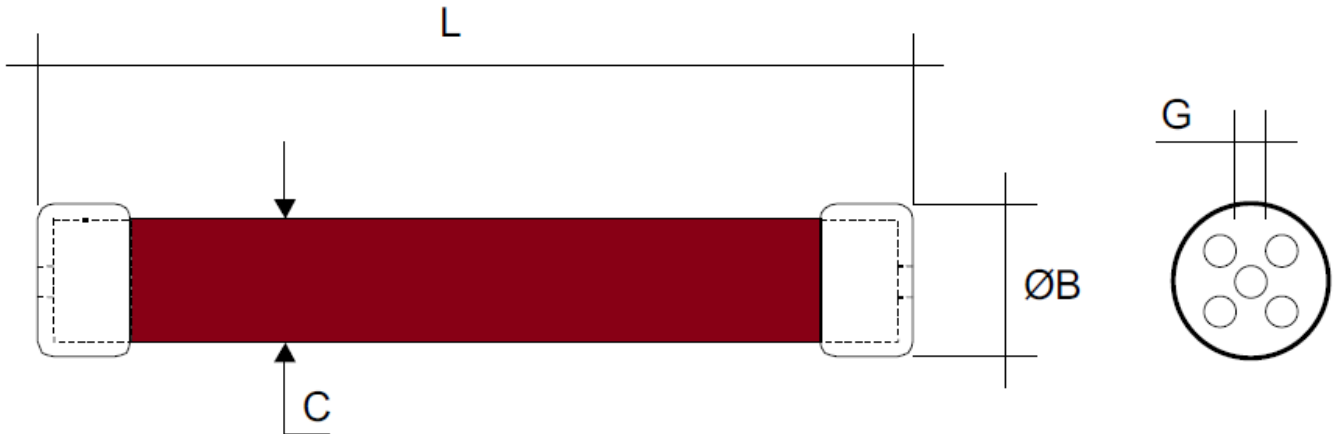
Rated Power (W)	Resistance Value (Ω)	Dimensions in Millimetres ± 1.00				Temperature Coefficient	Tolerances	Voltage Limit(kV)
		L	B	C	G			
30	50-100G	90	16	15	M5	$\pm 150\text{ppm}/^\circ\text{C}$	$\pm 2\%$	30kV
50	50-100G	130	26	25	M6			50kV
70	50-100G	175	26	25	M6			70kV
100	50-100G	260	26	25	M6		100kV	
130	50-100G	155	60	59	M8		130kV	
150	50-100G	310	30	29	M8		150kV	
200	50-100G	270	43	42	M8	$\pm 200\text{ppm}/^\circ\text{C}$	$\pm 5\%$	200kV
250	50-100G	310	38	37	M8			250kV
300	50-100G	420	43	42	M8		300kV	
350	50-100G	463	60	59	M8	$\pm 250\text{ppm}/^\circ\text{C}$	$\pm 8\%$	350kV
400	50-100G	540	43	42	M8			400kV
500	50-100G	620	38	37	M8	$\pm 250\text{ppm}/^\circ\text{C}$	$\pm 10\%$	500kV
600	50-100G	620	60	59	M8			600kV
700	50-100G	820	43	42	M8			700kV
800	50-100G	1080	43	42	M8			800kV
1000	50-100G	1350	43	42	M8		1000kV	



RES200 RANGE

High Power, High Voltage Resistors

High quality, highly stable resistors suitable for use with high impulse voltages and high frequencies



Rated power(W)	Resistance Value(Ω)	Impulse Current	Impulse Voltage	Temperature Coefficient	Temperature	Tolerance
30W-1000W	0.1-200K	0-3000A	1-500kV	250ppm/ $^{\circ}$ C	-50 $^{\circ}$ C - +250 $^{\circ}$ C	\pm 2% - \pm 10%

Rated Power (W)	Resistance Value (Ω)	Dimensions in Millimetres \pm 1.00				Temperature Coefficient	Tolerances	Voltage Limit (kV)
		L	B	C	G			
30	0.1-200K	90	16	15	M5	\pm 150ppm/ $^{\circ}$ C	\pm 2%	10kV
50	0.1-200K	130	26	25	M6			30kV
70	0.1-200K	175	26	25	M6			40kV
100	0.1-200K	260	26	25	M6			50kV
130	0.1-200K	155	60	59	M8			60kV
150	0.1-200K	310	30	29	M8	\pm 200ppm/ $^{\circ}$ C	\pm 5%	80kV
200	0.1-200K	270	43	42	M8			100kV
250	0.1-200K	310	38	37	M8			100kV
300	0.1-200K	420	43	42	M8	\pm 250ppm/ $^{\circ}$ C	\pm 8%	120kV
350	0.1-200K	463	60	59	M8			120kV
400	0.1-200K	540	43	42	M8	\pm 250ppm/ $^{\circ}$ C	\pm 10%	130kV
500	0.1-200K	620	38	37	M8			180kV
600	0.1-200K	620	60	59	M8			200kV
700	0.1-200K	820	43	42	M8			300kV
800	0.1-200K	1080	43	42	M8			400kV
1000	0.1-200K	1350	43	42	M8	500kV		