











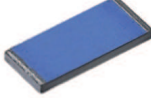
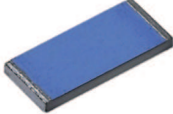

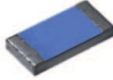

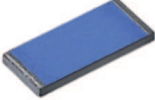
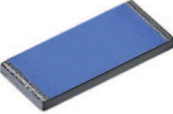


Bulk Metal® Foil Resistors Selection Guide

Part Number	WAC	WAK	WBC	WBK	WQ (RNC90Y)	WT (RNC90T)	WZ (RNC90Z)	WS (RNC90S)	WN (G311)
									
Dimension	7.9mm x 8.3mm	7.9mm x 8.3mm	7.9mm x 8.3mm	7.9mm x 8.3mm	7.9mm x 8.3mm	7.9mm x 8.3mm	7.9mm x 8.3mm	7.9mm x 8.3mm	7.9mm x 8.3mm
Lead spacing	3.81mm	3.81mm	5.08mm	5.08mm	3.81mm	5.08mm	3.81mm	5.08mm	3.81mm
Rated power	300mW	300mW	300mW	300mW	300mW	300mW	300mW	300mW	300mW
Max voltage	300V	300V	300V	300V	300V	300V	300V	300V	300V
TCR	± 5 ppm/°C	± 2.5 ppm/°C	± 5 ppm/°C	± 2.5 ppm/°C	± 5 ppm/°C	± 5 ppm/°C	± 2 ppm/°C	± 2 ppm/°C	± 2.5 ppm/°C
Tolerances	± 0.005 % to ± 1.0%	± 0.005 % to ± 1.0%	± 0.005 % to ± 1.0%	± 0.005 % to ± 1.0%	± 0.005 % to ± 1.0%	± 0.005 % to ± 1.0%	± 0.005 % to ± 1.0%	± 0.005 % to ± 1.0%	± 0.005 % to ± 1.0%
Resistor range	5 Ohm to 150 kOhm	5 Ohm to 100 kOhm	5 Ohm to 150 kOhm	5 Ohm to 100 kOhm	5 Ohm to 121 kOhm	5 Ohm to 121 kOhm	6 Ohm to 121 kOhm	7 Ohm to 121 kOhm	100 Ohm to 100 kOhm

Part Number	VSM0805	VSM1206	VSM1506	VSM2010	VSM2512	VSMP0805	VSMP1206	VSMP1506	VSMP2010	VSMP2512
										
Dimension	2.03mm x 1.27mm	3.2mm x 1.57mm	3.81 mm x 1.57mm	5.03mm x 2.46mm	6.32mm x 3.23mm	2.03mm x 1.27mm	3.2mm x 1.57mm	3.81 mm x 1.57mm	5.03mm x 2.46mm	6.32mm x 3.23mm
Rated power	100mW	150mW	200mW	300mW	400mW	200mW	300mW	300mW	500mW	750mW
Max voltage	28V	61V	78V	145V	220V	40V	87V	95V	187V	220V
TCR	± 2 ppm/°C	± 2 ppm/°C	± 2 ppm/°C	± 2 ppm/°C	± 2 ppm/°C	± 0.2 ppm/°C	± 0.2 ppm/°C	± 0.2 ppm/°C	± 0.2 ppm/°C	± 0.2 ppm/°C
Tolerances	± 0.01 % to ± 1.0%	± 0.01 % to ± 1.0%	± 0.01 % to ± 1.0%	± 0.01 % to ± 1.0%	± 0.01 % to ± 1.0%	± 0.01 % to ± 1.0%	± 0.01 % to ± 1.0%	± 0.01 % to ± 1.0%	± 0.01 % to ± 1.0%	± 0.01 % to ± 1.0%
Resistor range	5 Ohm to 8 kOhm	5 Ohm to 25 kOhm	5 Ohm to 30 kOhm	5 Ohm to 70 kOhm	5 Ohm to 125 kOhm	5 Ohm to 8 kOhm	5 Ohm to 25 kOhm	5 Ohm to 30 kOhm	5 Ohm to 70 kOhm	5 Ohm to 125 kOhm