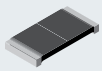
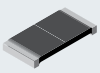
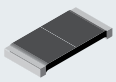
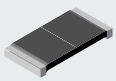
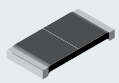
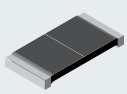
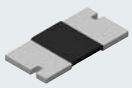
POWER METAL STRIP®
SURFACE-MOUNT RESISTORS

For Commercial Applications

Global Model	Power Rating	Resistance Range (Ω)	RTC (ppm/°C)	Tolerance	Dimensions	Applications
WSL0603 	0.1 W	0.015 – 0.10	±75	0.5 %, 1 %	L = 0.060 in. [1.52 mm] W = 0.030 in. [0.76 mm] H = 0.013 in. [0.33 mm]	• Cell phone battery fuel gauges • Disc drive motor controls • DC/DC converters in cell phones, pagers
WSL0805 	0.125 W	0.01 – 0.2	±75	0.5 %, 1 %	L = 0.080 in. [2.03 mm] W = 0.050 in. [1.27 mm] H = 0.013 in. [0.33 mm]	
WSL0603-18 	0.2 W	0.015 – 0.1	±75	0.5 %, 1 %	L = 0.060 in. [1.52 mm] W = 0.030 in. [0.76 mm] H = 0.013 in. [0.33 mm]	
WSL0805-18 	0.25 W	0.01 – 0.2	±75	0.5 %, 1 %	L = 0.080 in. [2.03 mm] W = 0.050 in. [1.27 mm] H = 0.013 in. [0.33 mm]	
WSL1206 	0.25 W	0.001 – 0.0029 0.003 – 0.0049 0.005 – 0.0069 0.007 – 0.2	±275 ±150 ±110 ±75	1 % 1 % 1 % 0.5 %, 1 %	L = 0.126 in. [3.20 mm] W = 0.063 in. [1.60 mm] H = 0.025 in. [0.64 mm]	• Li-Ion battery management • DC/DC converters in switching power supplies • VRMs in notebooks PCs • Disc drive motor controls • Automotive controls for body and powertrain
WSL1206-18 	0.5 W	0.001 – 0.0029 0.003 – 0.0049 0.005 – 0.0069 0.007 – 0.2	±275 ±150 ±110 ±75	1 % 1 % 1 % 0.5 %, 1 %	L = 0.126 in. [3.20 mm] W = 0.063 in. [1.60 mm] H = 0.025 in. [0.64 mm]	
WSL2010 	0.5 W	0.001 – 0.0029 0.003 – 0.0049 0.005 – 0.0069 0.007 – 0.5	±275 ±150 ±110 ±75	1 % 1 % 1 % 0.5 %, 1 %	L = 0.200 in. [5.08 mm] W = 0.100 in. [2.54 mm] H = 0.025 in. [0.64 mm]	
WSLP0805 	0.5 W	0.01 – 0.05	±75	0.5 %, 1 %	L = 0.060 in. [1.52 mm] W = 0.050 in. [1.27 mm] H = 0.013 in. [0.33 mm]	
WSLP 1206 	1.0 W	0.001 – 0.0029 0.003 – 0.0049 0.005 – 0.0069 0.007 – 0.05	±275 ±150 ±110 ±75	1 % 1 % 1 % 0.5 %, 1 %	L = 0.126 in. [3.20 mm] W = 0.063 in. [1.60 mm] H = 0.025 in. [0.64 mm]	
WSL2010-18 	1.0 W	0.001 – 0.0029 0.003 – 0.0049 0.005 – 0.0069 0.007 – 0.5	±275 ±150 ±110 ±75	1 % 1 % 1 % 0.5 %, 1 %	L = 0.200 in. [5.08 mm] W = 0.100 in. [2.54 mm] H = 0.025 in. [0.64 mm]	
WSL2512 	1.0 W	0.001 – 0.0029 0.003 – 0.0049 0.005 – 0.0069 0.007 – 0.5	±275 ±150 ±110 ±75	1 % 1 % 1 % 0.5 %, 1 %	L = 0.250 in. [6.35 mm] W = 0.125 in. [3.18 mm] H = 0.025 in. [0.64 mm]	
WSLT2010-18 	1.0 W	0.01 – 0.50	±75	0.5 %, 1 %	L = 0.200 in. [5.08 mm] W = 0.100 in. [2.54 mm] H = 0.025 in. [0.64 mm]	• **High temperature (+ 275 °C)** • Automotive controls for body and powertrain • Down hole oil well monitor/ testing
WSLT2512 	1.0 W	0.01 – 0.5	±75	0.5 %, 1 %	L = 0.250 in. [6.35 mm] W = 0.125 in. [3.18 mm] H = 0.025 in. [0.64 mm]	
WSK2512 	1.0 W	0.003 – 0.01	±50	0.5 %, 1 %	L = 0.250 in. [6.35 mm] W = 0.125 in. [3.18 mm] H = 0.025 in. [0.64 mm]	• DC/DC converters in switching power supplies • VRMs in notebooks, desktop PCs • Instrumentation

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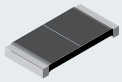
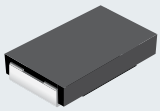
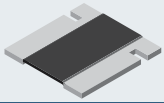
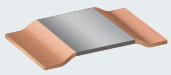
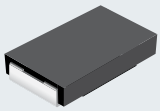
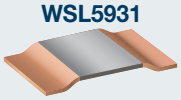
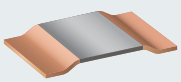
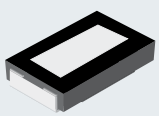
WSL2512-18 	2.0 W	0.001 – 0.0029 0.003 – 0.0049 0.005 – 0.0069 0.007 – 0.01	±275 ±150 ±110 ±75	1 % 1 % 1 % 0.5 %, 1 %	L = 0.250 in. [6.35 mm] W = 0.125 in. [3.18 mm] H = 0.025 in. [0.64 mm]	• Li-Ion battery management • DC/DC converters in switching power supplies • VRMs in notebooks, desktop PCs • Automotive controls for body and powertrain
WSR2 	2.0 W	0.001 – 0.0019 0.002 – 0.0029 0.003 – 0.0039 0.004 – 0.0049 0.005 – 0.0099 0.01 – 1.0	±750 ±600 ±450 ±300 ±110 ±75	1 % 1 % 1 % 1 % 0.5 %, 1 % 0.5 %, 1 %	L = 0.455 in. [11.56 mm] W = 0.275 in. [6.98 mm] H = 0.095 in. [2.41 mm]	• DC/DC converters in switching power supplies • VRMs in notebooks, desktop PCs • Instrumentation • Automotive controls for body and powertrain
WSL2816 	2.0 W	0.01 – 0.1	±75	0.5 %, 1 %	L = 0.280 in. [7.10 mm] W = 0.165 in. [4.20 mm] H = 0.025 in. [0.64 mm]	• DC/DC converters in switching power supplies • VRMs in notebooks, desktop PCs • Automotive controls for EHPS/EPS/EPAS and brushless DC motors
WSL3637 	3.0 W	0.001 – 0.0029 0.003 – 0.0049 0.005 – 0.010	±75 ±50 ±50	1 % 0.5 %, 1 % 0.5 %, 1 %	L = 0.370 in. [9.40 mm] W = 0.360 in. [9.14 mm] H = 0.025 in. [0.64 mm]	
WSL3921 	3.0 W	0.0003 – 0.004	±50	1 %	L = 0.394 in. [10.0 mm] W = 0.205 in. [5.20 mm] H = 0.037 in. [0.93 mm]	
WSLT3921 	3.0 W	0.0005 – 0.004	±50	1 %	L = 0.394 in. [10.0 mm] W = 0.205 in. [5.20 mm] H = 0.037 in. [0.93 mm]	• **High temperature (+ 275 °C)** • Automotive controls for EHPS/EPS/EPAS and brushless DC motors • Down hole oil well monitor/testing
WSR3 	3.0 W	0.001 – 0.0019 0.002 – 0.0029 0.003 – 0.0039 0.004 – 0.0049 0.005 – 0.0099 0.01 – 0.2	±750 ±600 ±450 ±300 ±110 ±75	1 % 1 % 1 % 1 % 0.5 %, 1 % 0.5 %, 1 %	L = 0.455 in. [11.56 mm] W = 0.275 in. [6.98 mm] H = 0.095 in. [2.41 mm]	• DC/DC converters in switching power supplies • VRMs in notebooks, desktop PCs • Instrumentation • Automotive controls for body and powertrain
WSH2818 	5.0 W	0.001 – 0.00599 0.006 – 0.1	±200 ±75	1 % 0.5 %, 1 %	L = 0.280 in. [7.10 mm] W = 0.180 in. [4.60 mm] H = 0.032 in. [0.81 mm]	• DC/DC converters in switching power supplies • VRMs in notebooks, desktop PCs • Automotive controls for EHPS/EPS/EPAS and brushless DC motors
WSL5931 	5.0 W	0.0002 – 0.003	±50	1 %	L = 0.591 in. [15.0 mm] W = 0.305 in. [7.75 mm] H = 0.083 in. [2.10 mm]	
WSLT5931 	5.0 W	0.0003 – 0.003	±50	1 %	L = 0.591 in. [15.0 mm] W = 0.305 in. [7.75 mm] H = 0.083 in. [2.10 mm]	• **High temperature (+ 275 °C)** • Automotive controls for EHPS/EPS/EPAS and brushless DC motors • Down hole oil well monitor/testing
WSR5 	5.0 W	0.001 – 0.0019 0.002 – 0.0029 0.003 – 0.0039 0.004 – 0.0049 0.005 – 0.0099 0.006 – 0.1	±750 ±600 ±450 ±300 ±110 ±75	1 % 1 % 1 % 1 % 0.5 %, 1 % 0.5 %, 1 %	L = 0.455 in. [11.56 mm] W = 0.275 in. [6.98 mm] H = 0.095 in. [2.41 mm]	• DC/DC converters in switching power supplies • VRMs in notebooks, desktop PCs • Instrumentation • Automotive controls for body and powertrain