

# VISHAY / DALE 1% Power Metal Strip® Resistors - 1, 3, & 5 Watt

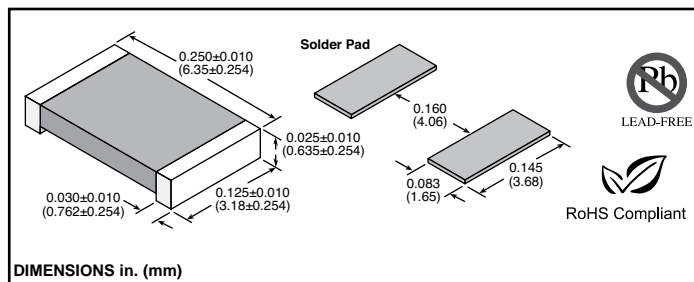
## WSLT-2512 SERIES - 1 WATT, HIGH TEMPERATURE, LOW VALUE, SURFACE MOUNT

**Features:**

- Proprietary processing technique produces extremely low resistance values.
- Solid metal Nickel-Chrome alloy resistive element with low TCR (<20ppm/°C)
- Very low inductance (<5nH)
- Low thermal EMF (<3µV/°C)

For quantities greater than 2000, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value (Ω)	Price Each			
			1	100	500	1000
71-WSLT2512-0.01-E3	WSLT2512R0100FEB	0.01				
71-WSLT2512-0.015-E3	WSLT2512R0150FEB	0.015				
71-WSLT2512-0.02-E3	WSLT2512R0200FEB	0.02				
71-WSLT2512-0.05-E3	WSLT2512R0500FEB	0.05				
71-WSLT2512-0.1-E3	WSLT2512R1000FEB	0.1				
71-WSLT2512-0.2-E3	WSLT2512R2000FEB	0.2				
71-WSLT2512-0.5-E3	WSLT2512R5000FEB	0.5				



SMD Resistors

Vishay

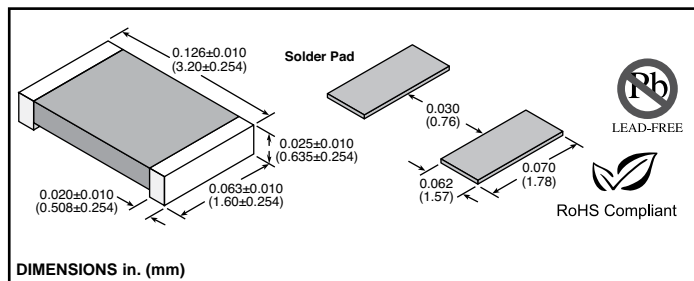
## WSLP-1206 SERIES - 1 WATT, HIGH POWER, LOW VALUE, SURFACE MOUNT

**Features:**

- Very high power to foot print size ratio (1W in 1206 package)
- Proprietary processing technique produces extremely low resistance values (down to 0.001Ω)
- Solid metal Nickel-Chrome alloy or Manganese-Copper alloy resistive element with low TCR (<20ppm/°C)
- Very low inductance (0.5nH to 5nH)
- Low thermal EMF (<3µV/°C)

For quantities greater than 2000, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value (Ω)	Price Each			
			1	100	500	1000
71-WSLP1206-0.005-E3	WSLP1206L000FEB	0.005				
71-WSLP1206-0.01-E3	WSLP1206R0100FEB	0.01				
71-WSLP1206-0.015-E3	WSLP1206R0150FEB	0.015				
71-WSLP1206-0.02-E3	WSLP1206R0200FEB	0.02				
71-WSLP1206-0.03-E3	WSLP1206R0300FEB	0.03				
71-WSLP1206-0.05-E3	WSLP1206R0500FEB	0.05				



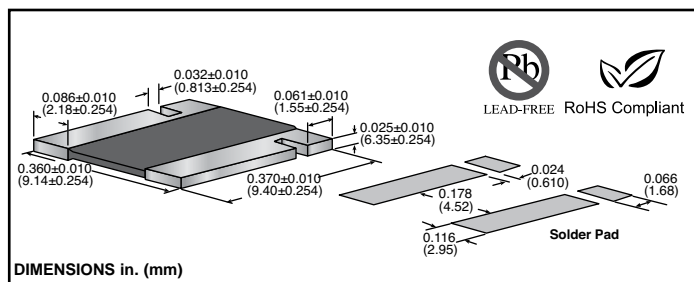
## WSL3637 SERIES - 3 WATT, LOW VALUE, 4-TERMINAL, SURFACE MOUNT

**Features:**

- 4-Terminal design allows for 0.5% resistance tolerance down to 0.003Ω
- Ideal for all types of current sensing, voltage division, and pulse applications including switching and linear power supplies, instruments, and power amplifiers
- All welded construction
- Solid metal nickel-chrome alloy resistive element
- Solderable terminations
- Standard 1% tolerance (0.5% is available)

For quantities greater than 2000, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value (Ω)	Price Each			
			1	100	500	1000
71-WSL3637-0.003-E3	WSL36373L000FEB	0.003				
71-WSL3637-0.004-E3	WSL36374L000FEB	0.004				
71-WSL3637-0.005-E3	WSL36375L000FEB	0.005				
71-WSL3637-0.006-E3	WSL36376L000FEB	0.006				
71-WSL3637-0.007-E3	WSL36377L000FEB	0.007				
71-WSL3637-0.008-E3	WSL36378L000FEB	0.008				
71-WSL3637-0.01-E3	WSL3637R0100FEB	0.01				



## WSL3921 & WSL5931 SERIES - LOW VALUE, SURFACE MOUNT

**Features:**

- Ideal for all types of current sensing, voltage division, and pulse applications including switching and linear power supplies, instruments, and power amplifiers
- Proprietary processing technique produces extremely low resistance values
- All welded construction
- Solid metal iron-chrome or manganese-copper alloy resistive element
- Very low inductance 0.5nH to 5nH
- 100% lead (Pb)-free and RoHS Compliant
- Standard 1% tolerance (5% is available)
- 1000 quantity reels available.
- Contact a Mouser Representative.

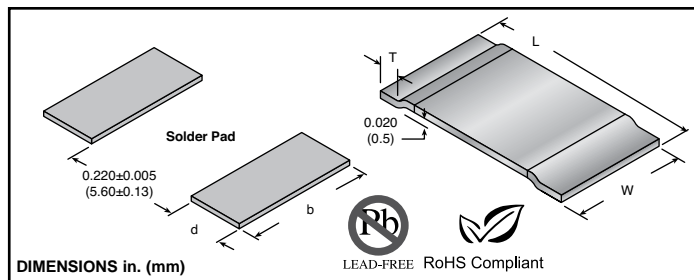
**3 Watt: WSL3921 Series**

For quantities greater than 2000, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value (Ω)	Price Each			
			1	100	500	1000
71-WSL3921-0.0003-E3	WSL3921L3000FEB	0.0003				
71-WSL3921-0.0005-E3	WSL3921L5000FEB	0.0005				
71-WSL3921-0.001-E3	WSL3921L1000FEB	0.001				
71-WSL3921-0.002-E3	WSL3921L2000FEB	0.002				
71-WSL3921-0.003-E3	WSL3921L3000FEB	0.003				
71-WSL3921-0.004-E3	WSL3921L4000FEB	0.004				

**5 Watt: WSL5931 Series**

71-WSL5931-0.0002-E3	WSL5931L2000FEB	0.0002				
71-WSL5931-0.0003-E3	WSL5931L3000FEB	0.0003				
71-WSL5931-0.0005-E3	WSL5931L5000FEB	0.0005				
71-WSL5931-0.001-E3	WSL5931L1000FEB	0.001				
71-WSL5931-0.002-E3	WSL5931L2000FEB	0.002				
71-WSL5931-0.003-E3	WSL5931L3000FEB	0.003				



Series Type	Dimensions: in. (mm)				
	L	W	T	Solder Pad	
WSL3921	0.394±0.010 (10.0±0.254)	0.205±0.010 (5.20±0.254)	0.080±0.010 (2.00±0.254)	.0106±0.010 (2.70±0.254)	0.244±0.010 (6.20±0.254)
WSL5931	0.591±0.010 (15.0±0.254)	0.305±0.010 (7.75±0.254)	0.157±0.010 (4.00±0.254)	.0205±0.010 (5.20±0.254)	0.244±0.010 (8.75±0.254)