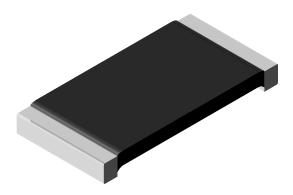


Vishay Dale

Zero Ohm Jumper (0.0002 Ω Max.), Solid Copper Strip, Surface-Mount Device



FEATURES

- All copper construction with solderable terminations
- Encapsulated with high temperature coating
- Very low inductance (< 2 nH)
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912







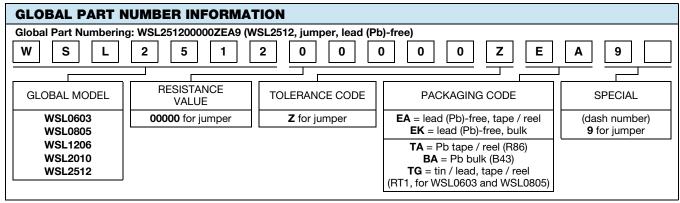
HALOGEN FREE Available

(5-2008) Available

Note

* This datasheet provides information about parts that are RoHS-compliant and/or parts that are non RoHS-compliant. For example, parts with lead (Pb) terminations are not RoHS-compliant. Please see the information / tables in this datasheet for details

STANDARD ELECTRICAL SPECIFICATIONS					
GLOBAL MODEL	SIZE	CURRENT RATING A	WEIGHT (typical) g/1000 pieces	RESISTANCE VALUE MAX. Ω	
WSL06039	0603	45	1.9	0.00025	
WSL08059	0805	50	4.8	0.0002	
WSL12069	1206	65	16.2	0.0002	
WSL20109	2010	75	38.9	0.0002	
WSL25129	2512	200	63.6	0.0002	



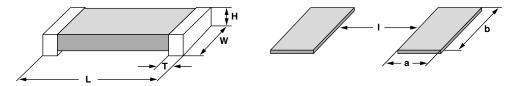
Notes

- WSL marking; <u>www.vishay.com/doc?30327</u>
- Per PCN-DR-00009-2022-REV-0, WSL marking will be removed effective March 1st, 2023

TECHNICAL SPECIFICATIONS				
PARAMETER	UNIT	RESISTOR CHARACTERISTICS		
Temperature coefficient (nominal)	ppm/°C	3900		
Operating temperature range	°C	-65 to +170		
Maximum resistance value	Ω	0.0002 max.		



DIMENSIONS in inches (millimeters)

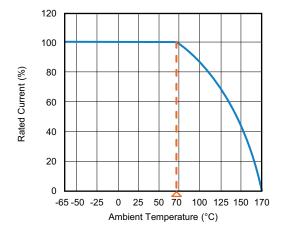


Note

• Surface-mount solder profile recommendations: www.vishay.com/doc?31052

MODEL -	DIMENSIONS				SOLDER PAD DIMENSIONS		
	L	W	Н	Т	а	b	I
WSL06039	0.060 ± 0.010	0.030 ± 0.010	0.013 ± 0.005	0.015 ± 0.010	0.040	0.040	0.020
	(1.52 ± 0.254)	(0.76 ± 0.254)	(0.330 ± 0.127)	(0.381 ± 0.254)	(1.01)	(1.01)	(0.50)
WSL08059	0.080 ± 0.010	0.050 ± 0.010	0.013 ± 0.005	0.015 ± 0.010	0.040	0.050	0.020
	(2.03 ± 0.254)	(1.27 ± 0.254)	(0.330 ± 0.127)	(0.381 ± 0.254)	(1.02)	(1.27)	(0.50)
WSL12069	0.126 ± 0.010	0.063 ± 0.010	0.025 ± 0.010	0.020 ± 0.010	0.062	0.070	0.030
	(3.20 ± 0.254)	(1.60 ± 0.254)	(0.635 ± 0.254)	(0.508 ± 0.254)	(1.57)	(1.78)	(0.76)
WSL20109	0.200 ± 0.010	0.100 ± 0.010	0.025 ± 0.010	0.020 ± 0.010	0.055	0.120	0.130
	(5.08 ± 0.254)	(2.54 ± 0.254)	(0.635 ± 0.254)	(0.508 ± 0.254)	(1.40)	(3.05)	(3.30)
WSL25129	0.250 ± 0.010	0.125 ± 0.010	0.025 ± 0.010	0.030 ± 0.010	0.065	0.145	0.160
	(6.35 ± 0.254)	(3.18 ± 0.254)	(0.635 ± 0.254)	(0.762 ± 0.254)	(1.65)	(3.68)	(4.06)

DERATING



PACKAGING					
MODEL	REEL				
	TAPE WIDTH	DIAMETER	PIECES/REEL	CODE	
WSL06039	8 mm / punched paper	178 mm / 7"	5000	EA	
WSL08059	8 mm / punched paper	178 mm / 7"	5000	EA	
WSL12069	8 mm / embossed plastic	178 mm / 7"	4000	EA	
WSL20109	12 mm / embossed plastic	178 mm / 7"	4000	EA	
WSL25129	12 mm / embossed plastic	178 mm / 7"	2000	EA	

Note

• Embossed carrier tape per EIA-481



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Vishay

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