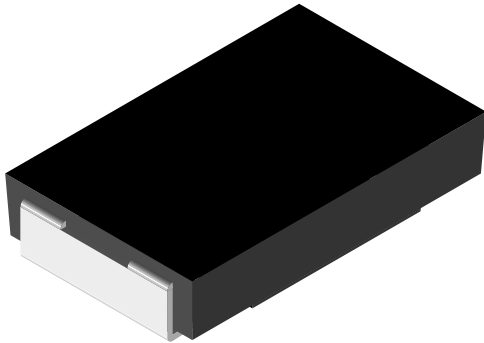




# Zero Ohm Jumper (0.0003 Ω Max.), Solid Copper Strip, Surface Mount Resistor



This is a standard WSR2 resistor designed to be used as a zero ohm jumper

**Note**

- All physical dimensions are the same as standard WSR2 resistor.

**FEATURES**

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



**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.

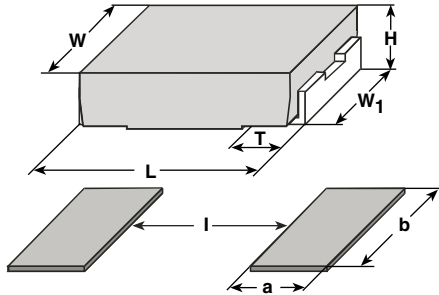
STANDARD ELECTRICAL SPECIFICATIONS				
GLOBAL MODEL	SIZE	CURRENT RATING A	WEIGHT (typical) g/1000 pieces	RESISTANCE VALUE MAX. Ω
WSR2-9	4527	100 (continuous) 400 (pulse)	440	0.0003

TECHNICAL SPECIFICATIONS		
PARAMETER	UNIT	RESISTOR CHARACTERISTICS
Temperature coefficient	ppm/°C	3900
Operating temperature range	°C	-65 to +275
Maximum resistance value	Ω	0.0003 max.

GLOBAL PART NUMBER INFORMATION				
Global Part Numbering: WSR20000ZEA9 (WSR2, Jumper, lead (Pb)-free)				
W	S	R	2	0 0 0 0 0
Z	E	A	9	
GLOBAL MODEL	RESISTANCE VALUE	TOLERANCE CODE	PACKAGING CODE	SPECIAL
WSR2	00000 for jumper	Z for jumper	EA = lead (Pb)-free, tape/reel EK = lead (Pb)-free, bulk TA = Pb tape/reel (R86) BA = Pb bulk (B43)	(Dash number) 9 for jumper



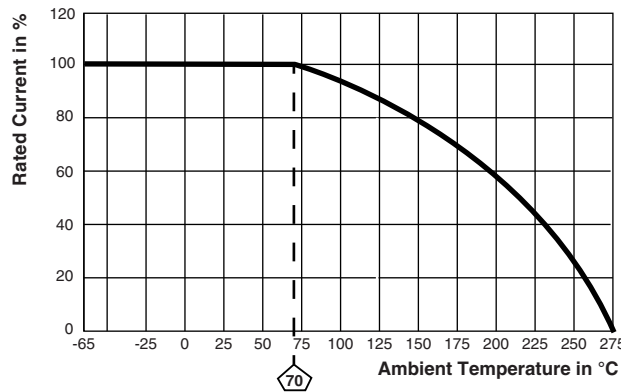
**DIMENSIONS**



MODEL	DIMENSIONS in inches (millimeters)				
	L	H	T	W	W <sub>1</sub>
WSR2-9	0.455 ± 0.032 (11.56 ± 0.813)	0.095 ± 0.005 (2.41 ± 0.127)	0.100 ± 0.010 (2.54 ± 0.254)	0.275 ± 0.005 (6.98 ± 0.127)	0.215 ± 0.005 (5.46 ± 0.127)

MODEL	SOLDER PAD DIMENSIONS in inches (millimeters)		
	a	b	l
WSR2-9	0.155 (3.94)	0.230 (5.84)	0.205 (5.21)

**DERATING**



PACKAGING				
MODEL	REEL			
	TAPE WIDTH	DIAMETER	PIECES/REEL	CODE
WSR2-9	24 mm/embossed plastic	330 mm/13"	1500	EA

**Note**

- Embossed Carrier Tape per EIA-481.



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