

## Wireless Charging Receive Coil / Shield



### FEATURES

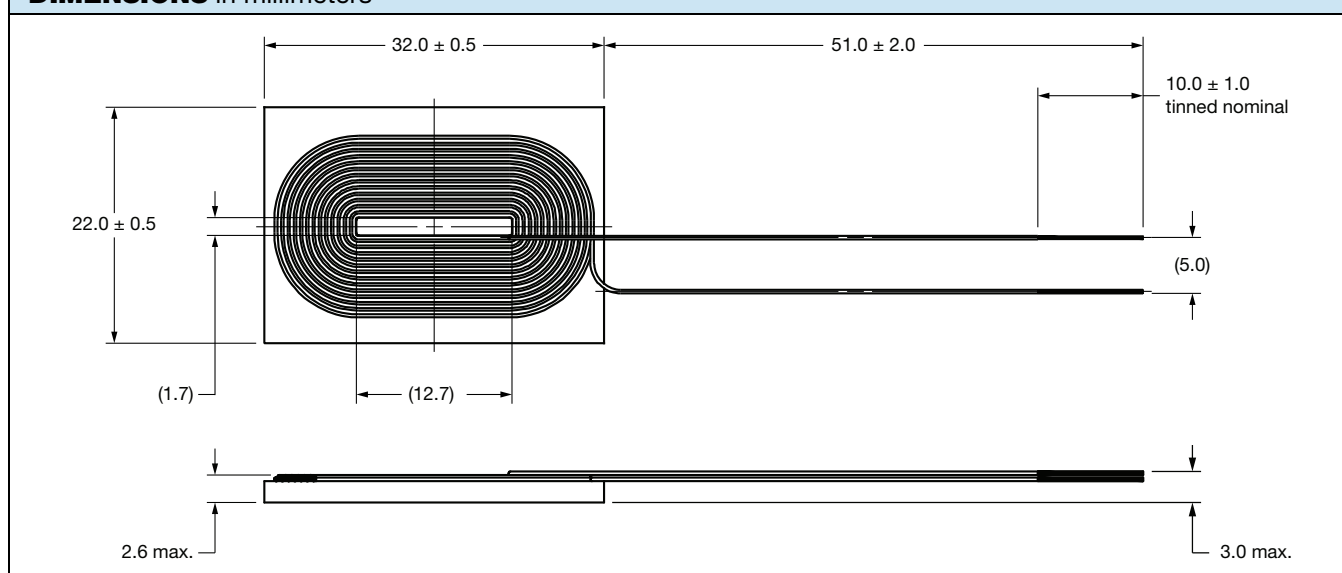
- Operating temperature: -40 °C to +105 °C
- Storage temperature: -40 °C to +105 °C
- Humidity range: 90 % relative humidity
- Material categorization: for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)


**RoHS**  
COMPLIANT

### STANDARD ELECTRICAL SPECIFICATIONS With Test Coil

$L_0$ INDUCTANCE $\pm 5\%$ AT 200 kHz, 0.25 V, 0 A ( $\mu\text{H}$ )	Q AT 200 kHz TYP.	DCR $\pm 5\%$ AT 25 °C (m $\Omega$ )	HEAT RATING CURRENT DC $I_{\text{RMS MAX.}}$ (A)	SATURATION CURRENT DC $I_{\text{SAT MAX.}}$ (A)
19.6	28.5	357	1.2	2.4

### DIMENSIONS in millimeters



### DESCRIPTION

<b>IWAS-3222CZ-R1</b>	<b>19 <math>\mu\text{H}</math></b>	<b>5 %</b>	<b>EB</b>	<b>e3</b>
MODEL	INDUCTANCE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC® LEAD (Pb)-FREE STANDARD

### GLOBAL PART NUMBER

<b>I</b>	<b>W</b>	<b>A</b>	<b>S</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>C</b>	<b>Z</b>	<b>E</b>	<b>B</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>J</b>	<b>R</b>	<b>1</b>
MODEL				SHIELD SIZE				SHIELD THICKNESS		LEAD (Pb)-FREE	PACKAGE	INDUCTANCE VALUE			TOL.	MATERIAL	LEAD CONFIG.



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