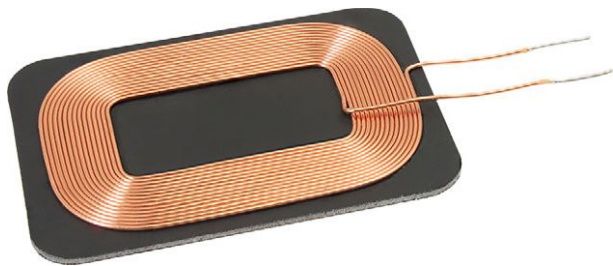


## Wireless Charging Receive Coil / Shield



### FEATURES

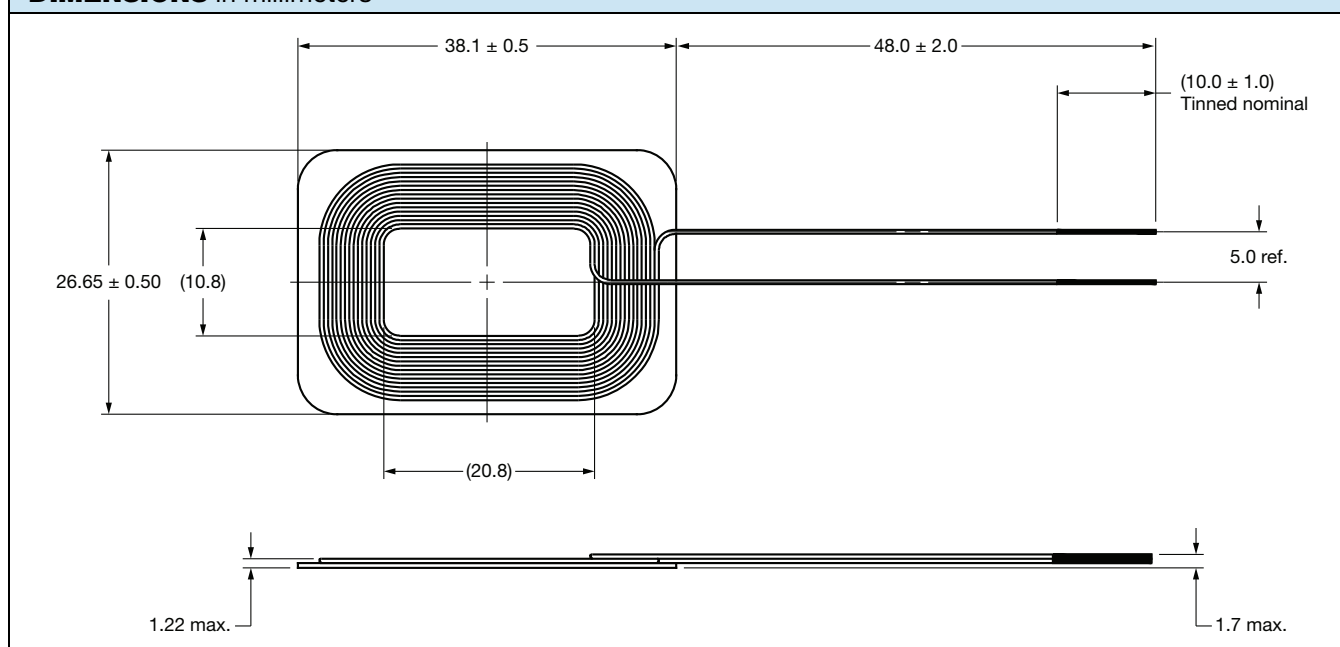
- Operating temperature: -40 °C to +105 °C
- Storage temperature: -40 °C to +105 °C
- Material categorization:  
for definitions of compliance please see  
[www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)


**RoHS**  
COMPLIANT

### STANDARD ELECTRICAL SPECIFICATIONS With Test Coil

<b>L<sub>0</sub> INDUCTANCE</b> ± 5 % AT 200 kHz, 0.25 V, 0 A (μH)	<b>Q</b> AT 200 kHz TYP.	<b>DCR ± 5 %</b> AT 25 °C (mΩ)
10.65	30	185

### DIMENSIONS in millimeters



### DESCRIPTION

<b>IWAS-3827AB-F1</b>	<b>11 μH</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>8</b>	<b>2</b>	<b>7</b>	<b>A</b>	<b>B</b>	<b>E</b>	<b>B</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>J</b>	<b>F</b>	<b>1</b>
MODEL				SHIELD SIZE				SHIELD THICKNESS		LEAD (Pb)-FREE	PACKAGE	INDUCTANCE VALUE			TOL.	MATERIAL	LEAD CONFIG.



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