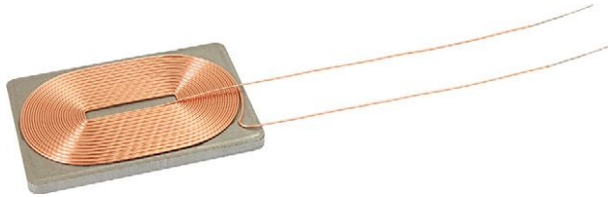




## Wireless Charging Receive Coil / Shield



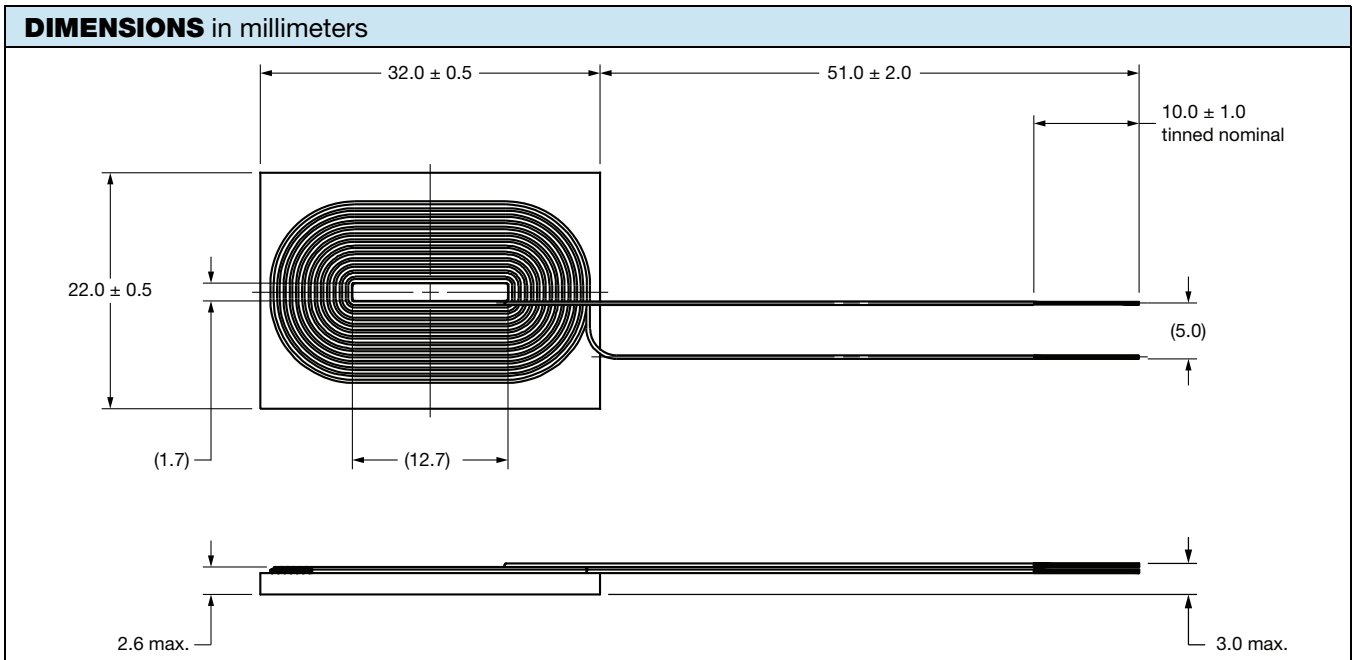
### FEATURES

- 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><br>± 5 % AT 200 kHz, 0.25 V, 0 A<br>(μH) | <b>Q</b><br>AT 200 kHz<br>TYP. | <b>DCR ± 5 %</b><br>AT 25 °C<br>(mΩ) |
| 19.6   | 29                             | 357                                  |



| DESCRIPTION           |              |                      |              |                                |
|-----------------------|--------------|----------------------|--------------|--------------------------------|
| <b>IWAS-3222CZ-F1</b> | <b>19 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 |   |   |   |             |   |   |                  |                |         |                  |   |   |      |          |              |   |   |
|--------------------|---|---|---|-------------|---|---|------------------|----------------|---------|------------------|---|---|------|----------|--------------|---|---|
| I                  | W | A | S | 3           | 2 | 2 | 2                | C              | Z       | E                | B | 1 | 9    | 0        | J            | F | 1 |
| MODEL              |   |   |   | SHIELD SIZE |   |   | SHIELD THICKNESS | LEAD (Pb)-FREE | PACKAGE | INDUCTANCE VALUE |   |   | TOL. | MATERIAL | LEAD CONFIG. |   |   |



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