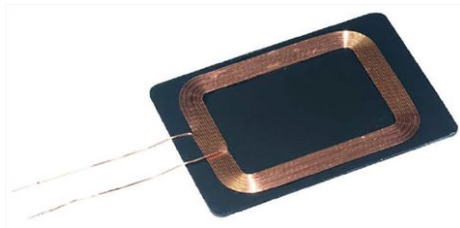


## Wireless Charging Receiving Coil / Shield



### FEATURES

- Operating temperature: -40 °C to +85 °C
- Storage temperature: -40 °C to +85 °C
- $I_{RMS}$ : base on temperature rise up to 40 °C maximum
- Power rating: 5 W
- Compliant to Qi standard
- Material categorization: for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)


**RoHS  
COMPLIANT**

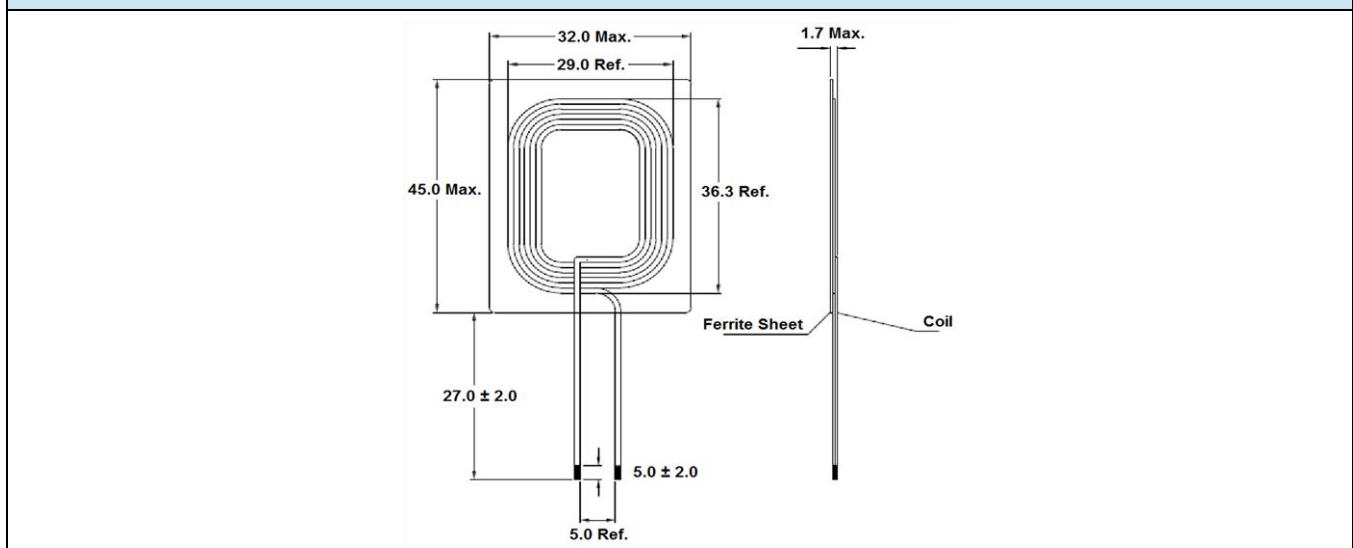
### STANDARD ELECTRICAL SPECIFICATIONS with Test Coil

| <b>L<sub>0</sub> INDUCTANCE<br/>+10 % AT 100 kHz,<br/>1 V, 0 A<br/>(μH)</b> | <b>Q<br/>AT 100 kHz<br/>TYP.</b> | <b>DCR<br/>AT 25 °C<br/>TYP.<br/>(mΩ)</b> | <b>DCR<br/>AT 25 °C<br/>MAX.<br/>(mΩ)</b> | <b>HEAT RATING<br/>CURRENT<br/>DC<br/>TYP.<br/>(A)</b> |
|---|----------------------------------|---|---|--|
| 14.0  | 24                               | 290                                       | 355                                       | 1.2  |

#### Note

- This product is not designed, nor intended for use in automotive applications or life critical medical applications

### DIMENSIONS in millimeters



### DESCRIPTION

|                      |              |                      |              |                                |
|----------------------|--------------|----------------------|--------------|--------------------------------|
| <b>IWAS4532AG-F1</b> | <b>14 μH</b> | <b>10 %</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 | 4           | 5 | 3 | 2 | A                | G | E              | B       | 1                | 4 | 0 | K    | F        | 1            |
| MODEL |   |   |   | SHIELD SIZE |   |   |   | SHIELD THICKNESS |   | LEAD (Pb)-FREE | PACKAGE | INDUCTANCE VALUE |   |   | TOL. | MATERIAL | LEAD CONFIG. |



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