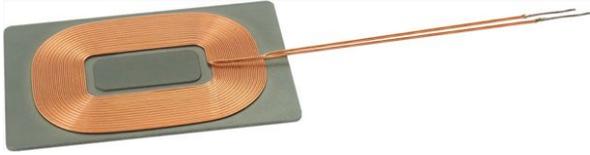


## Wireless Charging Receiving Coil/Shield with Attractor


**RoHS**  
COMPLIANT

### FEATURES

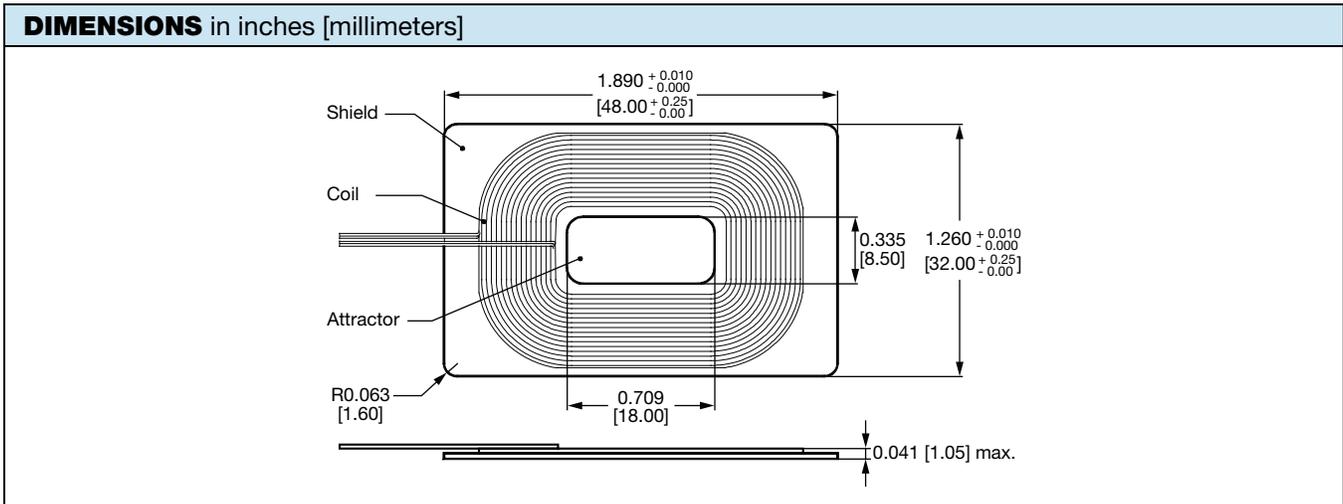
- Wireless charging receiving coil
- Optimized for 5 V charging circuitry
- High permeability shielding for wireless charging receiving coils
- Blocks charging flux from sensitive components or batteries
- High saturation powered iron - not affected by permanent locating magnets
- Durable construction
- Compliant to RoHS Directive 2002/95/EC

### SHIELD MATERIAL CHARACTERISTICS

- Permeability: to 24
- Resistivity: > 10 MΩ at 100 V
- Core loss: 4000 mW/cc at 500 gauss, 250 kHz
- Magnetic saturation: 50 % at 4000 gauss (to 350 O<sub>e</sub>)

STANDARD ELECTRICAL SPECIFICATIONS with Test Coil			
<b>L<sub>0</sub> INDUCTANCE</b> ± 5 % AT 200 kHz, 0.25 V, 0 A (μH)	<b>DCR</b> AT 25 °C (mΩ)	<b>EFFICIENCY</b> (%)	<b>Q AT 200 kHz</b> (min)
9.7	200	> 70	30

COIL DESCRIPTION			
<b>URNS</b>	<b>DIAMETER NOM.</b>	<b>LEAD LENGTH</b>	<b>TINNED LENGTH</b>
15 bifilar	29 AWG, 0.32 mm	50 mm	10 mm



DESCRIPTION			
<b>IWAS-4832FF-50</b>	<b>± 5 %</b>	<b>EB</b>	<b>e3</b>
MODEL	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER																	
I	W	A	S	4	8	3	2	F	F	E	B	9	R	7	J	5	0
MODEL				SHIELD SIZE			SHIELD THICKNESS		LEAD (Pb)-FREE	PACKAGE	INDUCTANCE VALUE			TOL.	MATERIAL	LEAD CONFIG.	



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