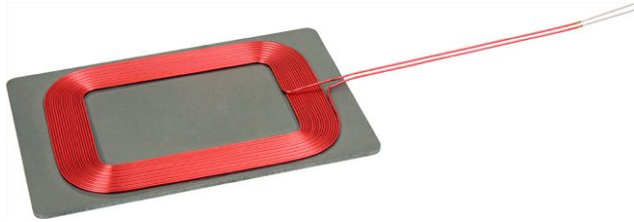


## Wireless Charging Receiving Coil/Shield



### FEATURES

- Wireless charging receiving coil
- Optimized for 7 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
- Material categorization: For definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)



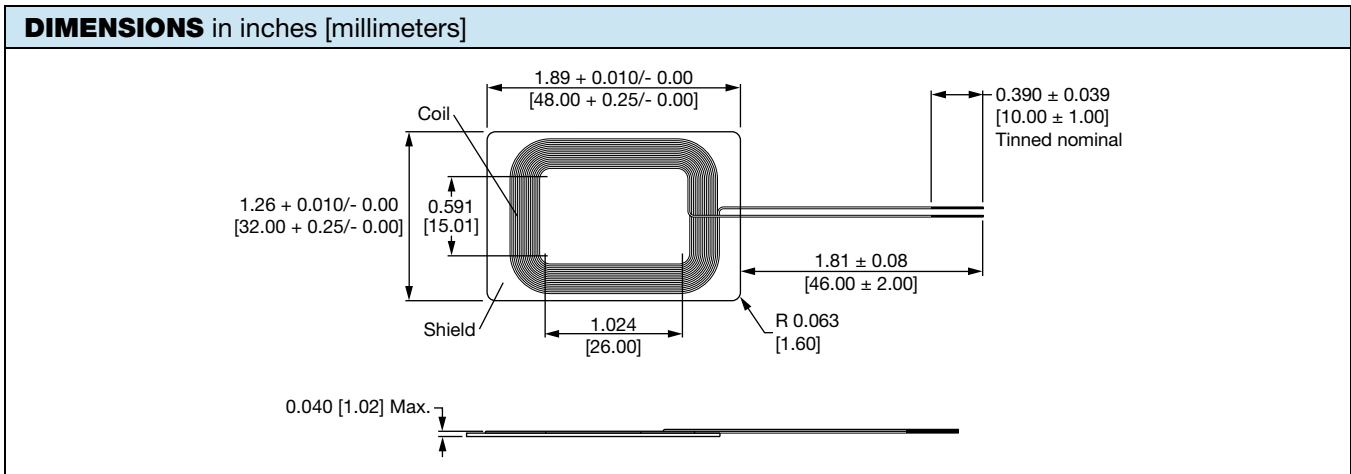
RoHS COMPLIANT

STANDARD ELECTRICAL SPECIFICATIONS with Test Coil			
<b>L<sub>0</sub> INDUCTANCE</b> ± 5 % AT 200 kHz, 0.25 V, 0 A (μH)	<b>DCR</b> AT 25 °C (mΩ)	<b>EFFICIENCY</b> (%)	<b>Q</b> AT 200 kHz (min)
22	425	> 70	30

COIL DESCRIPTION			
<b>URNS</b>	<b>DIAMETER NOM.</b>	<b>LEAD LENGTH</b>	<b>TINNED LENGTH</b>
17	28 AWG, 0.35 mm	50 mm	10 mm

### SHIELD MATERIAL CHARACTERISTICS

- Permeability: approximately 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>)



DESCRIPTION			
IWAS-4832EC-50	± 5 %	EB	e3
MODEL	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC LEAD (Pb)-FREE STANDARD

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Wireless Charging Coils](#) category:*

*Click to view products by [Vishay](#) manufacturer:*

Other Similar products are found below :

[WM5V](#) [WR383245-17F5-G](#) [SWC4242KB120-100](#) [IWAS3222CZEB190JF1](#) [WR222230-26M8-G](#) [146179-4011](#) [AWCCA107T52H40C01B](#)  
[AWCCA-15N15H06-C01-B](#) [AWCCA-18R18H10-C01-B](#) [AWCCA-26R26H08-C01-B](#) [AWCCA-28R15H08-C01-B](#) [AWCCA-30N30H20-C01-](#)  
[B](#) [AWCCA-36R36H08-C51-B](#) [AWCCA-37R37H18-C01-B](#) [AWCCA-42R38H08-C03-B](#) [AWCCA-50N50H16-C51-B](#) [AWCCA-50N50H30-](#)  
[C21-B](#) [AWCCA50N50H35C01B](#) [AWCCA50N50H50C01B](#) [AWCCA53N53H50C01B](#) [AWCCA53N53H50C02B](#) [AWCCA-RX350300-101](#)  
[AWCCA-RX404012-102](#) [DFR0712](#) [SWM1390](#) [SWW174N](#) [WMRR124F-1](#) [WMRR124F-2](#) [WMRR132F-0](#) [WMRR138F-0](#) [WMRR147F-1](#)  
[WMRT130F-0](#) [WMRT399A-0](#) [BP3622](#) [WR111180-36F5-B1](#) [WR111180-49F5-G](#) [WR121210-27M8-ID](#) [WR202010-18M8-ID](#) [WR202010-](#)  
[18M8-SM](#) [WR202020-18M8-G](#) [WR221230-36M8-G](#) [WR303050-12F5-ID](#) [WR303050-15F5-G](#) [WR444025-17M6-G](#) [WR464650-10K2-FS3](#)  
[WR483245-15F5-G](#) [WR483265-13F5-G](#) [WR483265-15F5-G](#) [WR524825-17M6-NF-G](#) [WR524830-16F3-NF-G](#)