Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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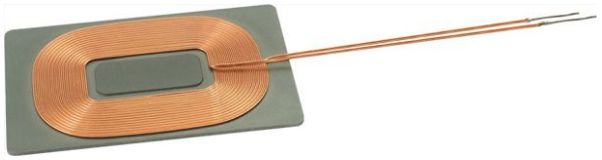
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Wireless Charging Receiving Coil/Shield with Attractor



FEATURES

- Wireless charging receiving coil
- For Rx applications up to 10 W
- Optimized for 5 V charging circuitry
- High permeability shielding for wireless charging receiving coils
- Blocks charging flux from sensitive components or batteries
- High saturation powdered iron - not affected by permanent locating magnets
- Durable construction
- Material categorization: For definitions of compliance please see www.vishay.com/doc?99912

Pb-free

RoHS COMPLIANT

STANDARD ELECTRICAL SPECIFICATIONS with Test Coil

L_0 INDUCTANCE ± 5 % AT 200 kHz, 0.25 V, 0 A (µH)	DCR AT 25 °C (mΩ)	EFFICIENCY (%)	Q AT 200 kHz (min)
9.7	200	> 70	30

Note

- When tested without any additional shielding, other than the powdered iron material, the inductance will equal 10.8 µH nominal.

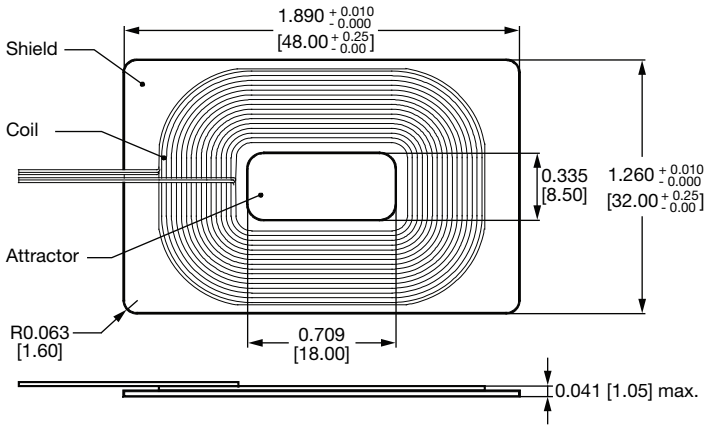
COIL DESCRIPTION

TURNS	DIAMETER NOM.	LEAD LENGTH	TINNED LENGTH
15 bifilar	29 AWG, 0.32 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_e)

DIMENSIONS in inches [millimeters]



DESCRIPTION

IWAS-4832FF-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	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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