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Vishay Dale

Wireless Charging Receive Coil / Shield



FEATURES

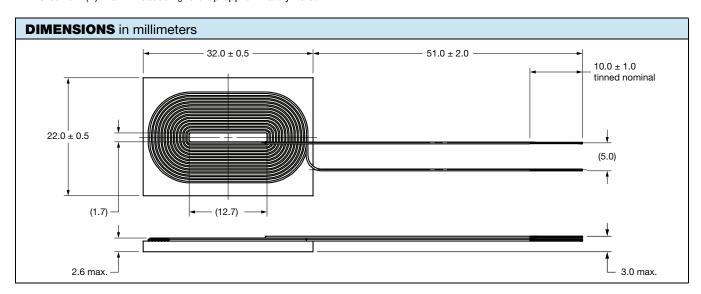
- Specialized shield coating offers superior environmental protection and moisture resistance in high humidity conditions up to 90 % RH
- Operating temperature: -40 °C to +105 °C
- Iron alloy shield achieves high saturation current rating
- Self-bonded, enameled copper winding
- Power rating: up to 5 W
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

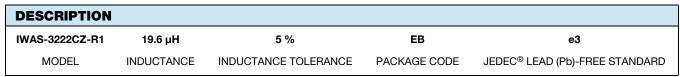
Pb-free
RoHS COMPLIANT
HALOGEN FREE
GREEN

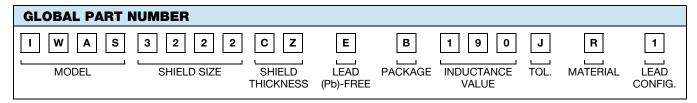
STANDARD ELECTRICAL SPECIFICATIONS With Test Coil					
L ₀ INDUCTANCE ± 5 % AT 200 kHz, 0.25 V, 0 A (μH)	Q AT 200 kHz TYP.	DCR ± 5 % AT 25 °C (mΩ)	HEAT RATING CURRENT DC I _{RMS} MAX. ⁽¹⁾ (A)	SATURATION CURRENT DC I _{SAT} MAX. ⁽²⁾ (A)	
19.6	28.5	357	1.2	2.4	

Notes

- Storage condition: -40 °C to +105 °C (on board); less than 40 °C and < 60 % RH (in component packaging)
- (1) DC current (A) that will cause an approximate ΔT of 40 °C
- (2) DC current (A) that will cause L₀ to drop approximately 10 %









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