Axiom

SMD Shielded Power Inductors

AXCDRH125 Series

LEAD -FREE
RoHs Compliant

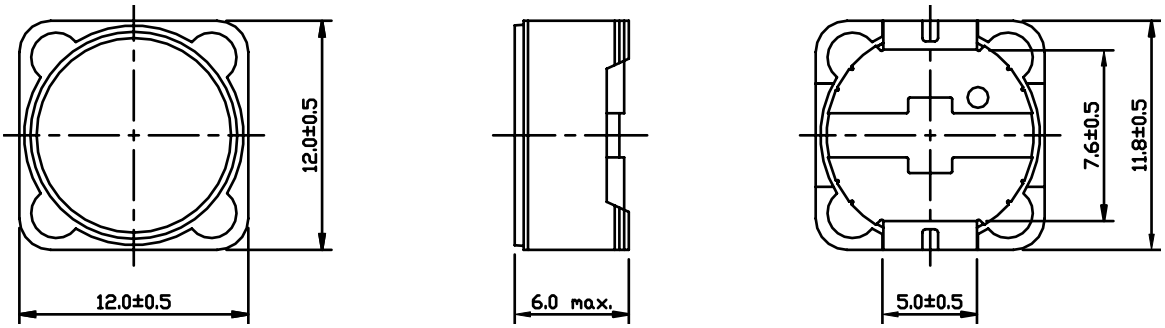
Features :

- Description: SMD (shielded) power inductor.
- Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.
- Operating Temperature: -40°C to +125°C (Including coil's self temperature rise)
- Inductance Tolerance: M = ±20%, N = ±30%
- Testing: Inductance is tested on an HP4284A at 1.0 KHz.
- Rated Current: The DC current at which the inductance decreases to 75% of its nominal value or when ΔT=40°C, whichever is lower (Ta=20°C)
- Packaging: Tape & reel
- Marking: Parts are marked with inductance code.
- Miscellaneous: Magnetically shielded.
- Additional info available upon request.

Part Number	Inductance (µH)	L Test Freq.	DCR Max (Ohms)	Rated Current (A)
AXCDRH125-1R3N	1.3	7.96MHz	0.012	8.00
AXCDRH125-2R1N	2.1	7.96MHz	0.014	7.00
AXCDRH125-3R1N	3.1	7.96MHz	0.017	6.00
AXCDRH125-4R4N	4.4	7.96MHz	0.020	5.00
AXCDRH125-5R8N	5.8	7.96MHz	0.021	4.40
AXCDRH125-7R5N	7.5	7.96MHz	0.024	4.20
AXCDRH125-100M	10	1.0KHz	0.025	4.00
AXCDRH125-120M	12	1.0KHz	0.027	3.50
AXCDRH125-150M	15	1.0KHz	0.030	3.30
AXCDRH125-180M	18	1.0KHz	0.034	3.00
AXCDRH125-220M	22	1.0KHz	0.036	2.80
AXCDRH125-270M	27	1.0KHz	0.051	2.30
AXCDRH125-330M	33	1.0KHz	0.057	2.10
AXCDRH125-390M	39	1.0KHz	0.068	2.00
AXCDRH125-470M	47	1.0KHz	0.075	1.80
AXCDRH125-560M	56	1.0KHz	0.110	1.70
AXCDRH125-680M	68	1.0KHz	0.120	1.50
AXCDRH125-820M	82	1.0KHz	0.140	1.40
AXCDRH125-101M	100	1.0KHz	0.160	1.30
AXCDRH125-121M	120	1.0KHz	0.170	1.10
AXCDRH125-151M	150	1.0KHz	0.230	1.00
AXCDRH125-181M	180	1.0KHz	0.290	0.90
AXCDRH125-221M	220	1.0KHz	0.400	0.80
AXCDRH125-271M	270	1.0KHz	0.460	0.75
AXCDRH125-331M	330	1.0KHz	0.510	0.68
AXCDRH125-391M	390	1.0KHz	0.690	0.65
AXCDRH125-471M	470	1.0KHz	0.770	0.58
AXCDRH125-561M	560	1.0KHz	0.860	0.54
AXCDRH125-681M	680	1.0KHz	1.200	0.48
AXCDRH125-821M	820	1.0KHz	1.340	0.43
AXCDRH125-102M	1000	1.0KHz	1.530	0.40

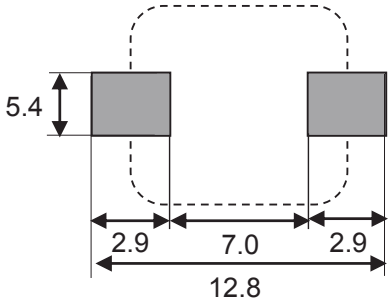
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

Dimensions :



Land Pattern :

[mm]



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