Axiom

SMD Shielded Power Inductors

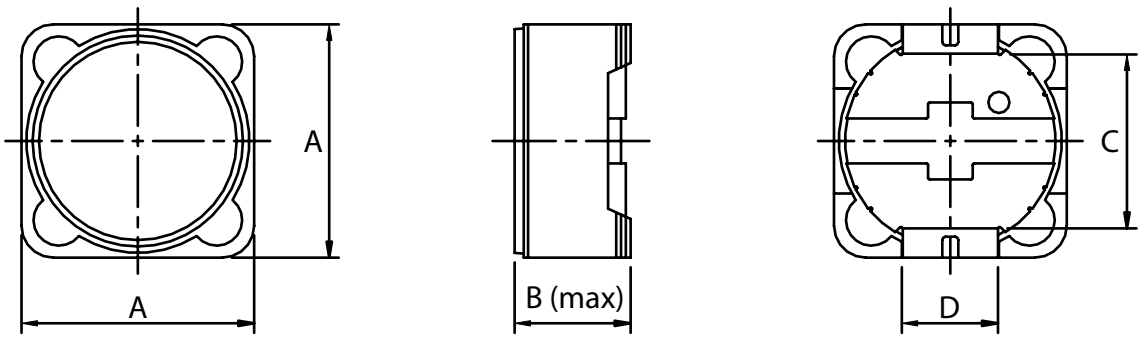
AXCDRH127LD Series LEAD -FREE RoHs Compliant

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
- Inductance Tolerance: M=±20%, N=±30%
- 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)
- Testing: Inductance is tested on an HP4284A at 1.0kHz
- Packaging: Tape & Reel
- Marking: Parts are marked with inductance code
- Additional info available upon request.

Part Number	Inductance (µH)	@ L Test Freq. (kHz)	DCR Typ. (mOhms)	DCR max (mOhms)	Rated Current (A)
AXCDRH127LD-1R0N	1.0	100	5.0	6.5	14.0
AXCDRH127LD-2R4N	2.4	100	8.1	10.5	10.3
AXCDRH127LD-3R5N	3.5	100	9.5	12.4	9.30
AXCDRH127LD-4R6N	4.6	100	10.6	13.8	9.10
AXCDRH127LD-5R8N	5.8	100	12.4	16.2	8.60
AXCDRH127LD-7R4N	7.4	100	13.6	17.7	7.40
AXCDRH127LD-100M	10	1.0	15.0	19.5	6.70
AXCDRH127LD-120M	12	1.0	16.4	21.3	6.54
AXCDRH127LD-150M	15	1.0	20.3	26.4	5.65
AXCDRH127LD-180M	18	1.0	21.5	28.0	5.10
AXCDRH127LD-220M	22	1.0	28.0	36.4	4.70
AXCDRH127LD-270M	27	1.0	32.0	41.6	4.20
AXCDRH127LD-330M	33	1.0	41.0	53.3	3.90
AXCDRH127LD-390M	39	1.0	46.5	60.5	3.50
AXCDRH127LD-470M	47	1.0	60.0	78.0	3.25
AXCDRH127LD-560M	56	1.0	69.0	90.0	2.90
AXCDRH127LD-680M	68	1.0	92.0	120	2.60
AXCDRH127LD-820M	82	1.0	91.0	119	2.40
AXCDRH127LD-101M	100	1.0	119	151	2.10
AXCDRH127LD-121M	120	1.0	130	169	1.90
AXCDRH127LD-151M	150	1.0	174	227	1.80
AXCDRH127LD-181M	180	1.0	230	299	1.55
AXCDRH127LD-221M	220	1.0	260	338	1.45
AXCDRH127LD-271M	270	1.0	322	419	1.30
AXCDRH127LD-331M	330	1.0	362	471	1.20
AXCDRH127LD-391M	390	1.0	440	572	1.10
AXCDRH127LD-471M	470	1.0	570	741	1.00
AXCDRH127LD-561M	560	1.0	655	852	0.95
AXCDRH127LD-681M	680	1.0	870	1130	0.85
AXCDRH127LD-821M	820	1.0	950	1240	0.75
AXCDRH127LD-102M	1000	1.0	1150	1500	0.70

Dimensions:



Size	A	B	C	D
mm	12.0 ± 0.5	8 max	7.6 ± 0.2	5 ± 0.2
inches	0.47 ± 0.02	0.314 max	0.3 ± 0.007	0.2 ± 0.007

Land Pattern:

[mm]