

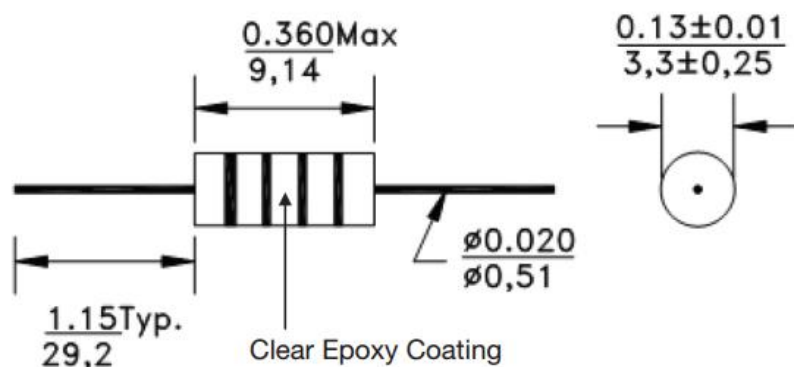
Datasheet

220 μ H Ferrite Leaded Inductor

RS Stock 228-185



Dimensions: (mm)



Specifications

- Operating Temperature: -40°C ~ +105°C
- Storage Temperature: -40°C ~ +85°C
- RoHS Compliant
- Low cost axial inductors
- High current rating
- Wide inductance range
- Core: Thermoset Plastic up to 0.68 μ H / Low-loss ferrite above 0.86 μ H
- Coating: Moulded polypropylene
- Load on Terminals : 2Kg Max
- Working Temperature: -55 to +85 °C ambient
- Marking: Type, inductance and current
- Maximum current at 85°C ambient

Inductance μH ($\pm 10\%$)	Q @		Fr MHz	Rdc Ω	Idc A
	Typ	F MHz	Typ	Typ	Max
0.10	65	25	>400	0.025	3.0
0.15	65	25	>400	0.035	2.5
0.22	55	25	>400	0.045	2.0
0.33	55	25	350	0.055	2.0
0.47	55	25	320	0.07	1.7
0.68	45	15	290	0.09	1.5
1.0	45	15	190	0.04	2.2
1.5	65	8	155	0.05	2.0
2.2	60	8	130	0.06	1.8
3.3	50	8	110	0.07	1.7
4.7	50	8	95	0.12	1.3
6.8	60	8	85	0.22	1.0
10	50	8	65	0.35	0.75
15	55	2.5	55	0.6	0.6
22	65	2.5	45	1.1	0.43
33	85	2.5	35	2.0	0.3
47	70	2.5	20	2.5	0.27
68	65	2.5	16	3.0	0.25
100	65	1.5	14	4.0	0.22
150	80	0.8	9.5	5.8	0.23
220	80	0.8	8	7.3	0.2
330	80	0.8	9.5	12	1.16
470	80	0.8	6.5	20	0.12
680	85	0.8	5	24	0.11
1000	85	0.8	3	30	0.1

Applications

- Power Supplies
- Switching Circuits
- TV and audio equipment
- Telecom devices
- RF and other filters