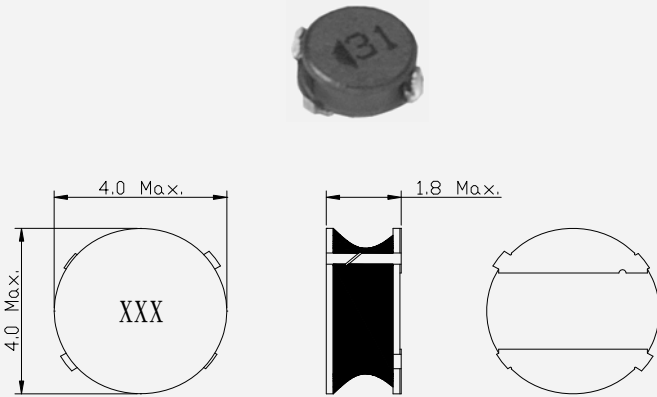


SMT Power Inductors

SQH3D16CS



- Size : 4.0x4.0x1.8 (mm)
- Core material : Ferrite + Magnetics Epoxy
- Magnetically shielded
- RoHS-compatible
- Terminals : Lead-free tinned
- Solderability : Reflow soldering
- Marking : L value (μH, coded)
- Delivery mode : Tape & reel packing
- Packing unit : 2000 pcs/reel

INDUCTANCE (μH)	Tolerance	f _L MHz	Isat (A) (Max.)	I _{rms} (A) (Max.)	DCR (mΩ) (Max.)	Ordering code
1.7	±30%=N	0.1	2.00	2.40	51	SQH3D16CS-1R7N-LF
2.2		0.1	1.75	2.30	59	SQH3D16CS-2R2N-LF
3.3		0.1	1.40	1.80	85	SQH3D16CS-3R3N-LF
4.7		0.1	1.20	1.50	116	SQH3D16CS-4R7N-LF
6.8		0.1	1.00	1.10	180	SQH3D16CS-6R8N-LF
10	±20%=M	0.1	0.84	1.00	230	SQH3D16CS-100M-LF
15		0.1	0.65	0.75	410	SQH3D16CS-150M-LF
22		0.1	0.55	0.52	610	SQH3D16CS-220M-LF
33		0.1	0.46	0.41	870	SQH3D16CS-330M-LF

- Isat : DC current at which the inductance drops 35% (typ) from its value without current.
- I_{rms}: The actual current when temperature of coil becomes Δ40°C . (Ta=+25°C)
- Operating temperature range -40°C to +125°C, Electrical specifications at 25°C.