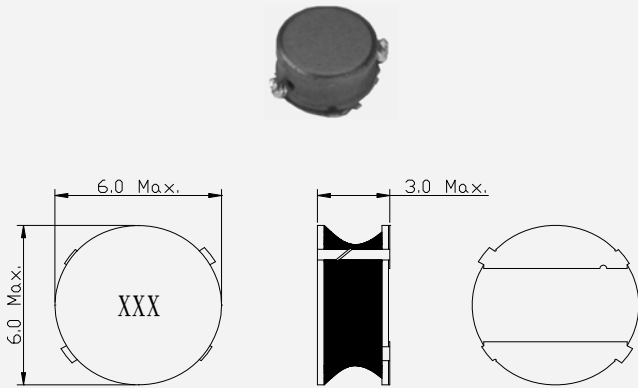


SMT Power Inductors

SQH5D28CS



- Size : 6.0x6.0x3.0 (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	IDC (A)	DCR (mΩ) (Max.)	Ordering code
2.5	±30%=N	0.01	2.60	18	SQH5D28CS-2R5N-LF
3.0		0.01	2.40	24	SQH5D28CS-3R0N-LF
4.2		0.01	2.20	31	SQH5D28CS-4R2N-LF
5.3		0.01	1.90	38	SQH5D28CS-5R3N-LF
6.2		0.01	1.80	45	SQH5D28CS-6R2N-LF
8.2		0.01	1.60	53	SQH5D28CS-8R2N-LF
10		0.01	1.30	65	SQH5D28CS-100N-LF
12		0.01	1.20	76	SQH5D28CS-120N-LF
15	±20%=M	0.01	1.10	103	SQH5D28CS-150N-LF
18		0.01	1.00	110	SQH5D28CS-180N-LF
22		0.01	0.90	122	SQH5D28CS-220M-LF
27		0.01	0.85	175	SQH5D28CS-270M-LF
33		0.01	0.75	189	SQH5D28CS-330M-LF
39		0.01	0.70	212	SQH5D28CS-390M-LF
47		0.01	0.62	250	SQH5D28CS-470M-LF
56		0.01	0.58	305	SQH5D28CS-560M-LF
68		0.01	0.52	355	SQH5D28CS-680M-LF
82		0.01	0.46	463	SQH5D28CS-820M-LF
100		0.01	0.42	520	SQH5D28CS-101M-LF

- Isat : DC current at which the inductance drops 35% (typ) from its value without current.
- Irms: 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.