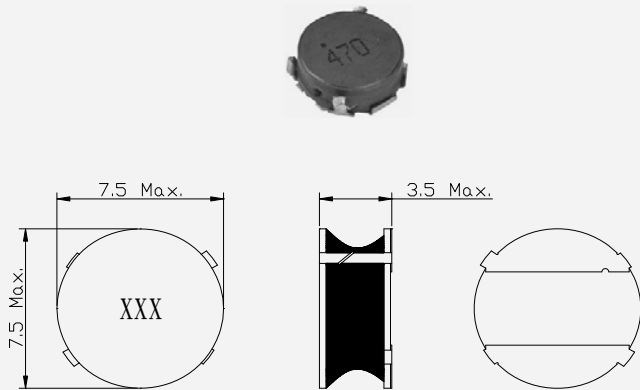


SMT Power Inductors

SQH73CS



- Size : 7.5x7.5x3.5 (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 : 1000 pcs/reel

INDUCTANCE (μH)	Tolerance	f _L MHz	IDC (A) (Max.)	DCR (Ω) (Max.)	Ordering code
10	±20%=M	0.001	1.68	0.072	SQH73CS-100M-LF
12		0.001	1.52	0.098	SQH73CS-120M-LF
15		0.001	1.33	0.13	SQH73CS-150M-LF
18		0.001	1.20	0.14	SQH73CS-180M-LF
22		0.001	1.07	0.19	SQH73CS-220M-LF
27		0.001	0.96	0.21	SQH73CS-270M-LF
33		0.001	0.91	0.24	SQH73CS-330M-LF
39		0.001	0.77	0.32	SQH73CS-390M-LF
47		0.001	0.76	0.36	SQH73CS-470M-LF
56		0.001	0.68	0.47	SQH73CS-560M-LF
68		0.001	0.61	0.52	SQH73CS-680M-LF
82		0.001	0.57	0.69	SQH73CS-820M-LF
100		0.001	0.50	0.79	SQH73CS-101M-LF
120		0.001	0.49	0.89	SQH73CS-121M-LF
150		0.001	0.43	1.27	SQH73CS-151M-LF
180		0.001	0.39	1.45	SQH73CS-181M-LF
220		0.001	0.35	1.65	SQH73CS-221M-LF
270		0.001	0.32	2.31	SQH73CS-271M-LF
330		0.001	0.28	2.62	SQH73CS-331M-LF
390		0.001	0.26	2.94	SQH73CS-391M-LF
470	±20%=M	0.001	0.24	4.18	SQH73CS-471M-LF
560		0.001	0.22	4.67	SQH73CS-561M-LF
680		0.001	0.19	5.73	SQH73CS-681M-LF
820		0.001	0.18	6.54	SQH73CS-821M-LF
1000		0.001	0.16	9.44	SQH73CS-102M-LF

- DC current at which the inductance drops 25% (typ) from its value without current.
- Operating temperature range -40°C to +125°C.
- Electrical specifications at 25°C.