



Coilmaster Electronics Co., Ltd.

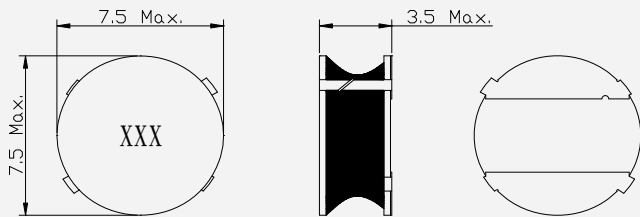
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SMT Power Inductors

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 (μ H, coded)
 Delivery mode : Tape & reel packing
 Packing unit : 1000 pcs/reel

| INDUCTANCE (μ H) | 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 | 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.