



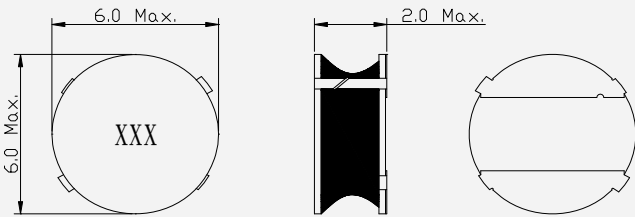
Coilmaster Electronics Co., Ltd.

9F-3 No.398, Huan Bei Rd. Chung Li City, Taoyuan 320, Taiwan
Tel : +886-3-422-8279 Fax : +886-3-422-8734

E-mail : info@coilmaster.com.tw
Web Site : www.coilmaster.com.tw

SMT Power Inductors

SQH5D18CS



- Size : 6.0x6.0x2.0 (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	
4.1	±30%=N	0.01	2.56	23.6	SQH5D18CS-4R1N-LF	
4.7		0.01	2.20	27.5	SQH5D18CS-4R7N-LF	
5.4		0.01	2.04	31.3	SQH5D18CS-5R4N-LF	
5.6		0.01	1.60	43.3	SQH5D18CS-5R6N-LF	
6.2		0.01	1.57	49.2	SQH5D18CS-6R2N-LF	
6.8		0.01	1.44	64.8	SQH5D18CS-6R8N-LF	
8.2		0.01	1.32	72.0	SQH5D18CS-8R2N-LF	
8.9		0.01	1.17	100.9	SQH5D18CS-8R9N-LF	
10		0.01	1.12	108.9	SQH5D18CS-100N-LF	
12		0.01	1.04	117.5	SQH5D18CS-120N-LF	
15		0.01	1.00	128.3	SQH5D18CS-150N-LF	
18		0.01	0.84	131.6	SQH5D18CS-180N-LF	
22		±20%=M	0.01	0.76	149.0	SQH5D18CS-220M-LF
27			0.01	0.72	166.0	SQH5D18CS-270M-LF
33	0.01		0.70	235.0	SQH5D18CS-330M-LF	
39	0.01		0.58	261.0	SQH5D18CS-390M-LF	
47	0.01		0.56	331.3	SQH5D18CS-470M-LF	
56	0.01		0.50	383.7	SQH5D18CS-560M-LF	
68	0.01		0.48	587.0	SQH5D18CS-680M-LF	
82	0.01		0.41	624.5	SQH5D18CS-820M-LF	
100	0.01	0.35	699.0	SQH5D18CS-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.