



HSQCM1212-2418HBL SERIES

1. FEATURES:

- (1) The flat enameled wire winding system can effectively improve the high-frequency skin effect.
- (2) Unit current density is more than 1.3 times of round copper wire.□
- (3) Small magnetic leakage, high application efficiency, high frequency characteristics.

2. APPLICATIONS:

- (1) Widely used in household appliances.
- (2) LED lighting power supply, military power supply.
- (3) Medical Equipment, office equipment and other fields□
- (4) Industrial applications.

3. PART NUMBER SYSTEM:

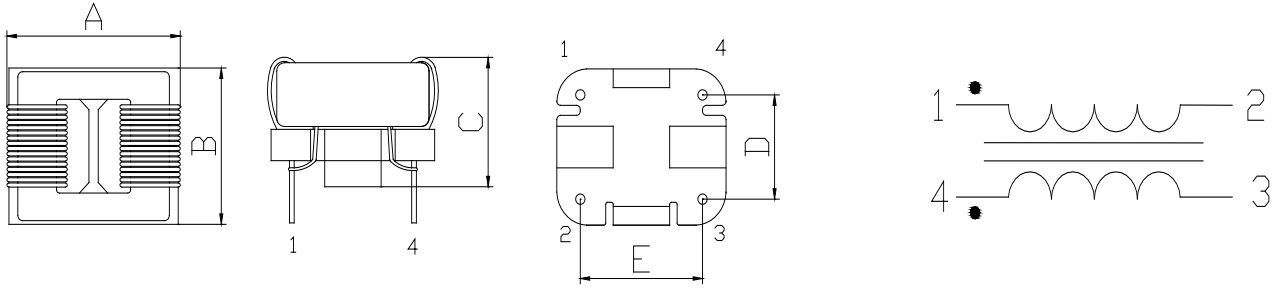
HSQCM1212 HBL - 203

(1) (2) (3) (4)

- (1) Type, Pin through Common Mode.
- (2) Size.
- (3) Vertical configuration, BL if for bulk package and free lead
- (4) Inductance value

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4. PHYSICAL AND ELECTRICAL CHARACTERISTICS:



Stamp	Inductance (mH)Min	I _{rms} (A)	DCR (mΩ) Max	Dimensions In mm				
				A	B	C	D	E
				Max	Max	Max	±0.5	±0.5
HSQCM1212HBL-203	20	1.0	188	18.0	15.0	12.5	10.0	13.0
HSQCM1515HBL-153	15	1.3	220	21.0	17.5	13.5	13.5	13.5
HSQCM1515HBL-403	40	1.0	350	22.0	18.0	15.0	12.9/9.0	17.0
HSQCM1515HBL-123	12	1.3	330	22.0	18.0	15.0	12.9/9.0	17.0
HSQCM1515HBL-103	10	1.5	190	22.0	18.0	15.0	12.9/9.0	17.0
HSQCM1515HBL-602	6	2.0	120	22.0	18.0	15.0	12.9/9.0	17.0
HSQCM1918HBL-303	30	1.3	380	23.0	22.0	13.9	15.5	17.0
HSQCM1918HBL-203	20	1.5	230	23.0	22.0	13.9	15.5	17.0
HSQCM1918HBL-153-2A0	15	2.0	150	24.0	23.0	13.9	15.5	17.0
HSQCM1918HBL-123-3A0	12	3.0	180	24.0	23.0	13.9	15.5	17.0
HSQCM1918HBL-802-3A6	8	3.6	65	24.0	23.0	13.9	15.5	17.0
HSQCM1918HBL-153-3A0	15	3.0	100	24.5	23.0	14.0	15.5	17.0
HSQCM1918HBL-123-3A7	12	3.7	60	24.5	23.0	14.0	15.5	17.0
HSQCM1918HBL-802-4A5	8	4.5	50	24.5	23.0	14.0	15.5	17.0
HSQCM2418HBL-902	9	6.0	45	27.0	27.0	14.0	21.0	22.5