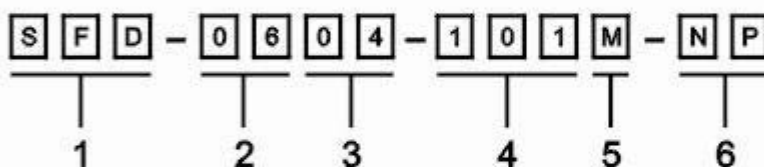




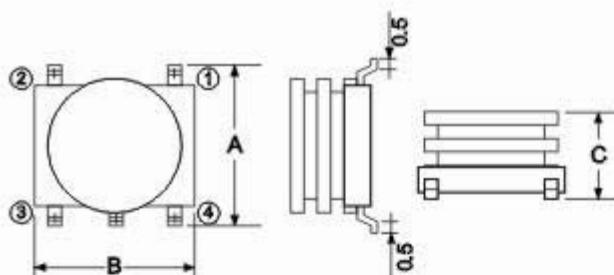
SMD EMI FILTER SFD&SFQ TYPE

PRODUCT IDENTIFICATION

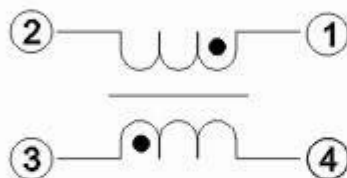


- 1.PRODUCT SYMBOL : SFD (UNSHIELDED)
SFQ (SHIELDED)
- 2.OUTSIDE DIA : mm
- 3.BODY HEIGHT : mm
- 4.INDUCTANCE : μH
- 5.TOLERANCE : K \pm 10% , L \pm 15% , M \pm 20%
- 6.Meet ROHS Regulations of Prohibited 6 Poisonous Materials

SHAPES & DIMENSION FOR SFD&SFQ SERIES (mm)



RECOMMENDED PATTERN (mm)



Part NO.	A	B	C	D Typ.	G	H	I	J	K
SFD 0604	6.0 \pm 0.5	6.5 \pm 1.0	4.6 ⁺⁰	0.5	2.0	5.2	7.0	1.0	1.0
SFQ 0604	6.0 \pm 0.5	6.5 \pm 1.0	4.6 ⁺⁰	0.5	2.0	5.2	7.0	1.0	1.0

FEATURE

- Available in magnetically shielded
- Low DC resistance.
- Suitable for large currents.
- Ideal for a variety of DC-DC Converter inductor applications.
- Available on tape and reel for auto surface mounting.

SMD EMI FILTER SFD&SFQ TYPE



ELECTRICAL SPECIFICATION

Part NO.	Inductance		RDC(OHM) Max.		Rated Current(A)Max.	
	SFD 0604	SFQ 0604	SFD 0604	SFQ0604	SFD 0604	SFQ0604
	L1-2, 3-4	L1-2, 3-4	R1-2, 3-4	R1-2, 3-4	I1-2, 3-4	I1-2, 3-4
2R2	2.2					
3R3	3.3					
4R7	4.7					
5R6	5.6		0.20	0.12	1.5	1.0
6R8	6.8					
8R2	8.2		0.25		1.3	
100	10		0.30		1.1	
150	15					
220	22					
330	33					
470	47					
680	68					
101	100		2.3		0.4	

Operating Temperature : -20°C~ +85°C

Test Freq. : 1KHz/1V

Inductance drop ≤ 10% Typ. At IDC