



**HSMB508549-121006 SERIES**

**1. FEATURES:**

- (1) High impedance for common mode noise .
- (2) low impedance for differential mode signal.
- (3) Large rated current available.
- (4) Wide band or sharp type impedance cure available

**2. APPLICATIONS:**

- (1) Prevention of common mode noise on signal Lines.
- (2) Power lines for computer related or electronic products.

**3. PART NUMBER SYSTEM:**

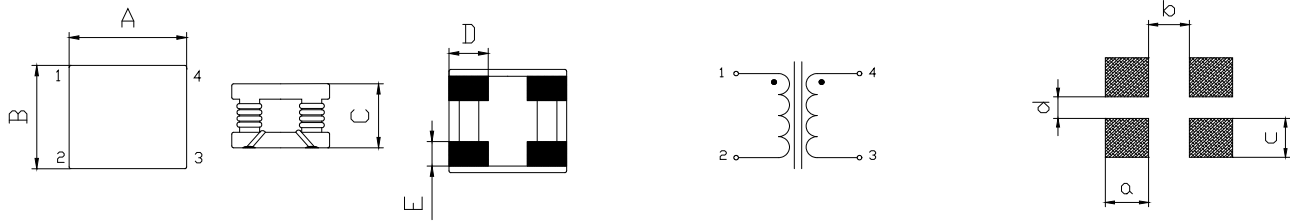
HSMB508549TL

(1) (2) (3)

- (1) Type, SMD Common Mode.
- (2) Size, e.g. 508549 is for 5mm\*8.5mm\*4.9mm.
- (3) TL is for reel tape pack

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4. PHYSICAL CHARACTERISTICS:



TYPE	A	B	C	D	E	a	b	c	d
	±0.3	±0.3	±0.5	Ref	Ref	Ref	Ref	Ref	Ref
508549	5.0	8.5	5.0	1.7	2.9	2.1	1.2	3.6	1.8
574617	5.7	4.6	1.7	2.10	1.20	2.5	1.0	1.6	1.8
750603	7.5	6.0	3.2	2.55	1.80	3.1	1.5	2.4	1.0
100805	10.0	8.0	5.0	2.55	1.75	4.2	3.6	3.0	2.0
121006	12.0	10.0	6.0	3.60	2.35	4.75	4.5	4.5	3.0

5. ELECTRICAL CHARACTERISTICS:

Stamp	HSMB508549			HSMB574617			HSMB750603			HSMB100805			HSMB121006		
	Impedance (Ω) Min	DCR (mΩ) Max	Rated current (A)Max	Impedance (Ω) Min	DCR (mΩ) Max	Rated current (A)Max	Impedance (Ω)Min	DCR (mΩ) Max	Rated current (A)Max	Impedance (Ω) Min	DCR (mΩ) Max	Rated current (A)Max	Impedance (Ω) Min	DCR (mΩ) Max	Rated current (A)Max
1T				150	50	1.0									
2T				350	70	0.5	200	20	2.0				200	15	6.0
3T	600	50	4.0				300	25	1.5				300	20	5.5
4T	700	55	3.0				600	45	1.0	400	30	4.0	400	25	5.0