

Surface Mount Common Mode Choke Coils

Surface Mount High Current Common Mode Chokes SMH Series (表面接著型大電流共模線圈---GSMH 系列)



Features(特徵):

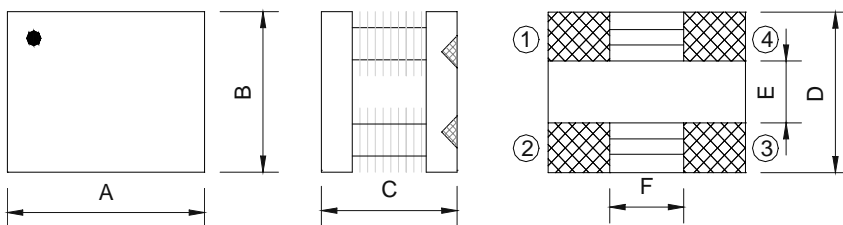
1. High common mode impedance at high frequency effects excellent noise suppression performance.(在高頻的共模阻抗具有良好的雜訊抑制表現。)
2. The common mode choke coils structure enables noise suppression without degrading the signal.(共模扼線圈的結構使得雜訊被抑制而不會令訊號衰減。)
3. S.M.T Type. (表面黏著類型。)
4. Suitable for and reflow soldering.(適合於一般焊接及回焊。)

Applications(應用):

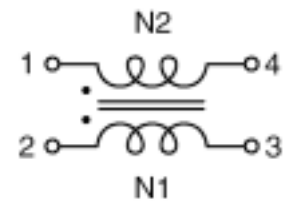
EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, Countermeasures against common-mode noise at composite at video signals.
抑制來自於個人電腦、微型電子計，外圍設備等信號線之電磁干擾以及視頻合成之共模噪音。

Shape & Dimensions(外觀呎吋):

Shape & Dimension:



Equivalent Circuit Diagram:



Item	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
SMH465516	5.5±0.3	4.6±0.3	1.6±0.3	4.60 (Typ.)	2.70 (Typ.)	2.20 (Typ.)
SMH058505	8.5±0.3	5.0±0.3	5.0±0.3	5.00 (Typ.)	1.80 (Typ.)	4.00 (Typ.)
SMH750603	6.0±0.3	7.5±0.3	3.2±0.3	7.50 (Typ.)	2.00 (Typ.)	1.80 (Typ.)
SMH100805	8.0±0.3	10.0±0.3	5.0±0.3	10.0 (Typ.)	4.00 (Typ.)	2.50 (Typ.)
SMH121006	10.0±0.3	12.0±0.3	6.0±0.3	12.0 (Typ.)	4.80 (Typ.)	3.50 (Typ.)

Specification(規格):

Part Number	Inductance (μ H) Min at 1.0KHZ/1V	Rated Current (A)	Common Mode Impedance (Ohms) Min			DC Resistance (m Ω) Max
			At 1.0MHz	At 50MHz	At 100MHz	
SMH465516-01T-151	4.0	2.0	15.0	100.0	150.0	60.0
SMH465516-02T-351	7.0	2.0	50.0	350.0	350.0	70.0
SMH058505-06T-202	10.0	2.5	50.0	2200	2000	75.0
SMH750603-03T-601	10.0	2.0	70.0	500.0	600.0	45.0
SMH750603-04T-701	15.0	2.0	75.0	600.0	700.0	50.0
SMH100805-04T-701	5.0	4.0	20.0	400.0	700.0	40.0
SMH100805-05T-901	6.0	4.0	40.0	600.0	900.0	45.0
SMH121006-04T-801	18.0	5.0	80.0	850.0	800.0	25.0
SMH121006-05T-102	25.0	5.0	90.0	900.0	1000	35.0
SMH121006-06T-122	50.0	5.0	150.0	1100	1200	45.0

1, Inductance is measured by LCR-meter 4284A (HP) or equivalent.

2, DC Resistance is measured by HP4338B Milliohms Meter or equivalent.

3, Impedance is measured by HP4286A or equivalent.