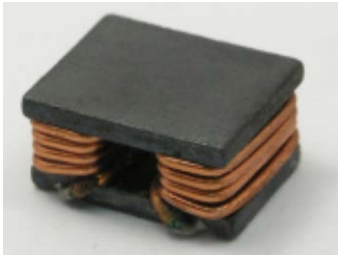
HIGH CURRENT WOUND TYPE COMMON MODE CHOKE COILS / CM TYPE

FEATURES

- High common mode impedance at high frequency effects excellent noise suppression performance.
- The common mode choke coils structure enables noise suppression without degrading the signal.
- Suitable for and reflow soldering



APPLICATIONS

- EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, Countermeasures against common-mode noise at composite at video signals.

ORDERING CODE

CM 465516 –251

- 251 — Impedance
- 465516 — Dimension (in mm)
- CM — Product Symbol

SHAPES

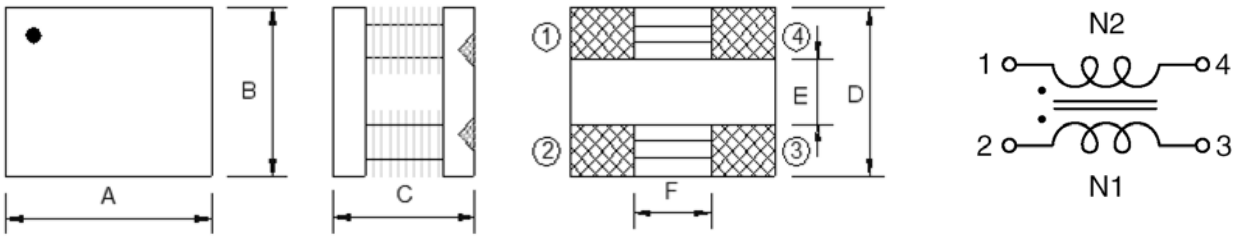


Fig.1

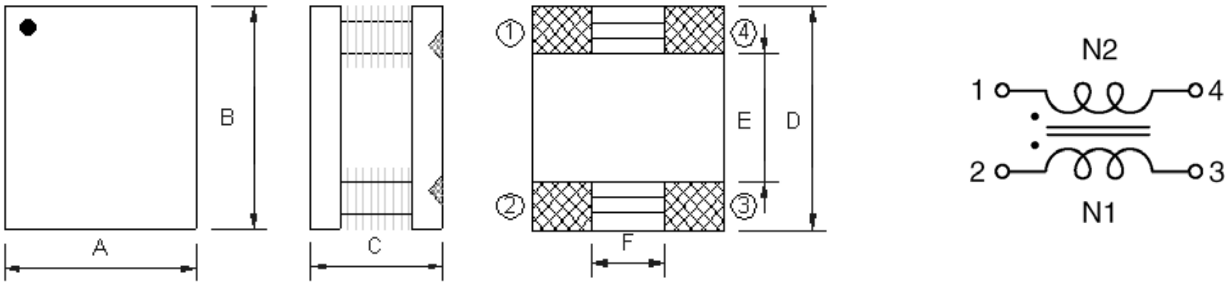


Fig.2

FLYING INTERNATIONAL

HIGH CURRENT WOUND TYPE COMMON MODE CHOKE COILS / CM TYPE

DIMENSIONS (UNIT: mm)

Part No.	Fig.	A	B	C	D (REF)	E (REF)	F (REF)
CM465516	1	6.2 (MAX)	4.6 ± 0.3	2.1 (MAX)	4.6	2.7	2.2
CM508505	1	8.5 ± 0.3	5.0 ± 0.3	5.0 ± 0.3	5.0	1.8	4.0
CM750603	2	6.0 ± 0.3	7.5 ± 0.3	3.2 ± 0.3	7.5	2.5	1.8
CM100805	2	8.0 ± 0.3	10.0 ± 0.3	5.2 ± 0.3	10.0	4.0	2.5
CM121006	2	10.0 ± 0.5	12.0 ± 0.5	6.2 ± 0.3	12.0	5.0	3.0

ELECTRICAL CHARACTERISTICS FOR CM

Part No.	Rated Current (mA)	Common Mode Impedance (Ω) (Ref.)			DC Resistance (mΩ) (Max)
		1MHz	50MHz	100MHz	
CM 465516-251	2000			250	40
CM 465516-601	500	40	500	600	70
CM 508505-202	2000	150	1500	2000	75
CM 508505-701	2500	40	500	700	35
CM 750603-601	2000			600 (MIN)	45
CM 100805-601	4000	60	1000	600	30
CM 121006-201	6000	20	400	200	20
CM 121006-102	5000	50	1500	1000	25
CM 121006-202	5000	75	2300	2000	30

Note:
1, Inductance is measured by LCR-meter 4284A (HP) or equivalent.
2, DC Resistance is measured by HP4338B Milliohms Meter or equivalent.