CHIP EMI SUPPRESSION FILTERS

Features

1. Effective for suppressing noise in high speed digital signal line.
2. Realize small size chip type product by cofiring of dielectric material and ferrite material.
3. Terminal electrode has excellent solder heat resistance.

Applications

1. Noise suppression for digital electronic products.
2. RF module of telecommunication products.

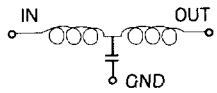
Ordering Information

EF - 1 T 2012 - 050 J T
(1) (2) (3) (4) (5) (6) (7)

(1) Series
EF : Chip EMI filter

(2) Type
1 : Single

(3) Circuit



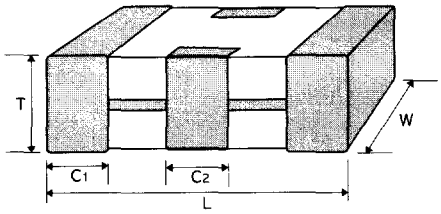
(4) Dimensions
The first two digits: length(mm)
The last two digits: width (mm)

(5) Normal capacitance
The first two digits are significant.
The last digit is the number of zeros following.

(6) Termination
J : Nickel barrier

(7) Packing
B : Bulk pack
T : Tape & Reel (ø 178mm [7 inches])
L : Tape & Reel (ø 254mm [10 inches])

Shape and Dimensions



unit: mm[inches]

Type	L	W	T	C1(max.)	C2(max.)
EF-□T2012-	2.0±0.2 [.079±.008]	1.25±0.2 [.049±.008]	0.8±0.2 [.031±.008]	0.4 [.016]	0.5 [.020]
EF-□T3216-	3.2±0.2 [.126±.008]	1.6±0.2 [.063±.008]	1.3±0.2 [.051±.008]	0.7 [.028]	0.8 [.031]

Specifications

Part No.	Capacitance	Cut-off	DC Resistance	Rated Current	Rated Voltage
	pF	Freq.(MHZ)	(Ω)max.	(mA) max.	(VDC)max.
EF-1T□□□□-050	5	600	200	300	10
EF-1T□□□□-080	8	350	200	300	10
EF-1T□□□□-220	22	150	200	300	10
EF-1T□□□□-330	33	100	200	300	10
EF-1T□□□□-151	150	40	200	300	10
EF-1T□□□□-221	220	25	200	300	10
EF-1T□□□□-471	470	15	200	300	10

Electrical Characteristics(Typical)