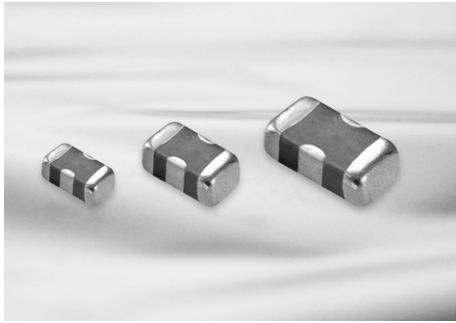


EMI products

3-Terminal Capacitor



Feature

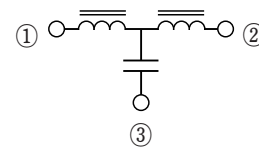
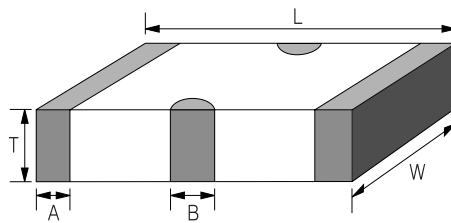
- Lower ESL Characteristics
- High Performance at High Frequency Range
- Small size enables high density mounting
- Effective noise suppression filter

Application

- High frequency EMI prevention applicable to digital equipment such as TV, VCR, LCD monitors and PDP TVs.
- Computer equipment such as personal computers and peripherals.

More excellent by-pass filter than MLCC.
EMIC Series is capacitor type of three terminals and low residual inductance value.

Dimensions



Equivalent circuit

Unit : mm

SIZE CODE	L	W	T	A	B
10	1.6±0.15	0.8±0.1	0.6±0.1	0.25±0.15	0.4±0.1
21	2.0±0.2	1.25±0.2	0.8±0.2	0.3±0.2	0.6±0.2
31	3.2±0.2	1.6±0.2	1.1max	0.4±0.3	1.0±0.3

Part Numbering

EMIC 10 B 473 S A N C
(1) (2) (3) (4) (5) (6) (7) (8)

- (1) Chip EMI Filter 3-Terminal Capacitor For Signal line
- (2) Dimensions
- (3) Capacitance temperature characteristics
C : 0±30ppm/°C
A : ±15%(-55~85°C)
B : ±15% (-55~125°C)
F : -82~+22% (-30~+85°C)
- (4) Nominal capacitance (101: 100pF, 102: 1000pF, 104: 100000pF)
- (5) Capacitance tolerance (M: ±20%, S: +50%, -20%)
- (6) Rated voltage (P: 10V, O: 16V, A: 25V, B: 50V)
- (7) Thickness option (N: Standard, A: Thinner than standard, B: Thicker than standard)
- (8) Packaging (C: Paper 7" Reel, D: Paper 13" Reel)

* Note : This catalog has only typical specifications because there is no space for detailed specifications.
Please approve our product specifications or transact the approval sheet for product specifications before ordering.

EMIC 1608(0603) Type

Part No.	Capacitance (pF)	Tolerance	Rated Voltage (V) Max.	Insulation Resistance (M Ω)	DC Resistance (Ω) Max.	Rated Current (mA) Max
EMIC10B104MONC	100000	+20~-20%	16	1000 min	0.1	2000

EMIC 2012(0805) Type

Part No.	Capacitance (pF)	Tolerance	Rated Voltage (V) Max.	Insulation Resistance (M Ω)	DC Resistance (Ω) Max.	Rated Current (mA) Max
EMIC21B471SBNC	470	+50~-20%	50	10000 min	0.3	300
EMIC21B223SBNC	22000	+50~-20%	50	10000 min	0.08	1000
EMIC21F104SANC	100000	+50~-20%	25	1000 min	0.1	1000

EMIC 3216(1206) Type

Part No.	Capacitance (pF)	Tolerance	Rated Voltage (V) Max.	Insulation Resistance (M Ω)	DC Resistance (Ω) Max.	Rated Current (mA) Max
EMIC31B222MANC	2200	+20~-20%	25	1000 min	0.3	300
EMIC31B104SANC	100000	+50~-20%	25	1000 min	0.1	1000