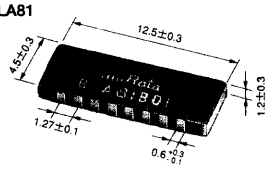
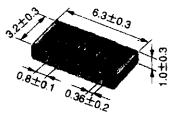
CHIP TYPE

■Chip Solid Inductor Arrays BLA81/62/41 Series

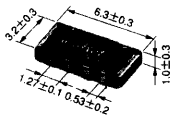
BLA81



BLA62



BLA41



(in mm)

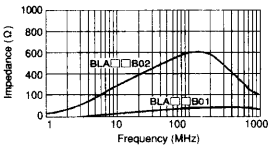
- The large electrodes on both ends of the chip are formed to reinforce fixing conditions.

Part Number	Impedance (Ω) (Typ.) at 100MHz	Rated Current (mA)	Operating Temp. Range (℃)	Number of circuits
BLA41B01	70	200	−55 to +125	4
BLA41B02	600	150 *		4
BLA62B01	70	200		6
BLA62B02	600	100 *		6
BLA81B01	70	300		8

* BLA41B02/BLA62B02 series need to derate their rated current.
For details, please see individual catalogs or please contact us.

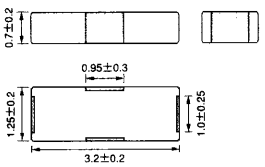
■Impedance Characteristics (Typical values)

- Comparison between BLA□□B01 with BLA□□B02

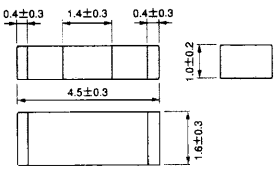


■Standard Type Chip EMIFIL® NFM40R/NFM41R Series

NFM40R



NFM41R



(in mm)

- NFM40R Series

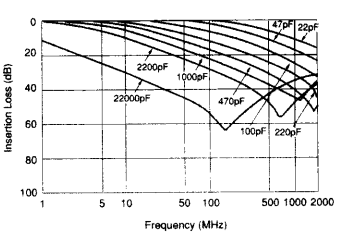
Part Number	Capacitance (pF)	Rated Volt. (VDC)	Rated Current (mADC)	Insulation Resistance (MΩ)	Operating Temp. Range (℃)
NFM40R01C220	22±50/20%	25	300	1000 min.	−55 to +125
NFM40R01C470	47±50/20%				
NFM40R01C101	100±50/20%				
NFM40R11C221	220±50/20%				
NFM40R11C471	470±50/20%				
NFM40R11C102	1000±50/20%				
NFM40R11C222	2200±50/20%				
NFM40R11C223	22000+80/−20%				−55 to +85

- NFM41R Series

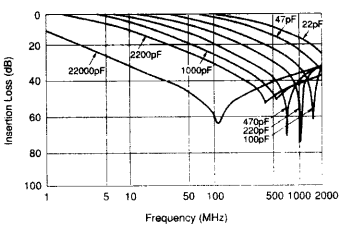
Part Number	Capacitance (pF)	Rated Volt. (VDC)	Rated Current (mADC)	Insulation Resistance (MΩ)	Operating Temp. Range (℃)
NFM41R01C220	22±50/20%	100	300	10000 min.	−55 to +125
NFM41R01C470	47±50/20%				
NFM41R01C101	100±50/20%				
NFM41R01C221	220±50/20%				
NFM41R01C471	470±50/20%				
NFM41R11C102	1000±50/20%				
NFM41R11C222	2200±50/20%				
NFM41R11C223	22000±50/20%				

■Insertion Loss Characteristics (Typical values)

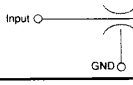
NFM40R



NFM41R



■Equivalent Circuit



* NFM40R/41R series has no polarity.

■Applications: Computers and peripherals, digital TVs/VCRs, etc.