

CHIP EMIFIL®

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Chip Solid EMIFIL® NFM39R Series

Small Size Chip 3 Terminal Capacitor which Enables Downsizing of Electrical Equipments

Chip solid EMIFIL® NFM39R is 2.0mm×1.25mm size chip 3 terminal capacitor which enables electrical equipments smaller. Equivalent capacitance range to conventional type from 22pF up to 22000pF is available in spite of its small shape.

■FEATURES

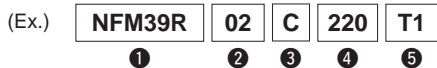
1. Small and low profile of 2.0mm×1.25mm×0.5mm enables high density mounting.
2. The 3 terminal structure enables high performance in high frequency range.
3. Use original electrode structure which realize excellent solderability.

■APPLICATIONS

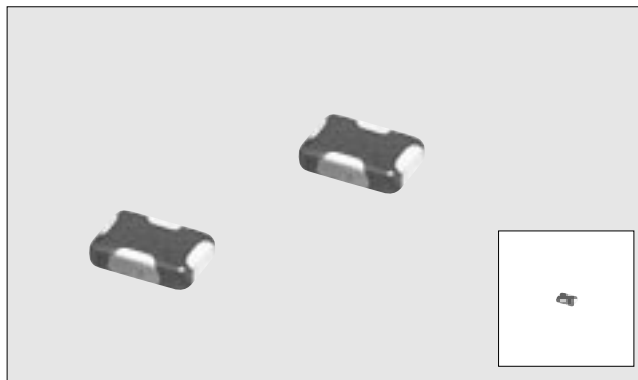
- PCs and peripherals which emit high amount of noise
- Compact size equipment such as PDA, PC card and mobile telecommunication equipments

■PART NUMBERING

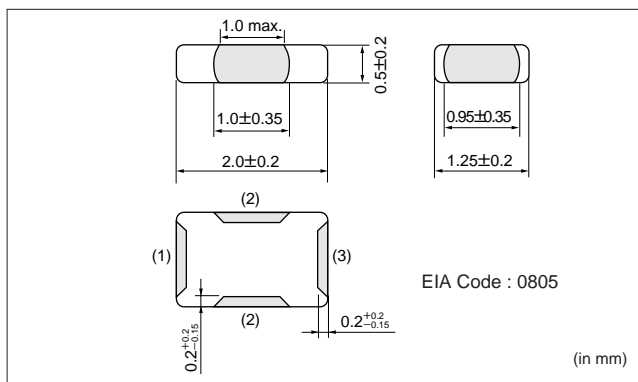
(Please specify the part number when ordering)



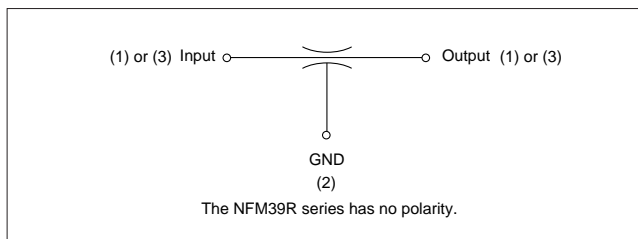
- ① Type
- ② Class No.
- ③ Circuit Composition
- ④ Characteristics
- ⑤ Packaging Code T1 : Taped
 B1 : Bulk package



■DIMENSIONS



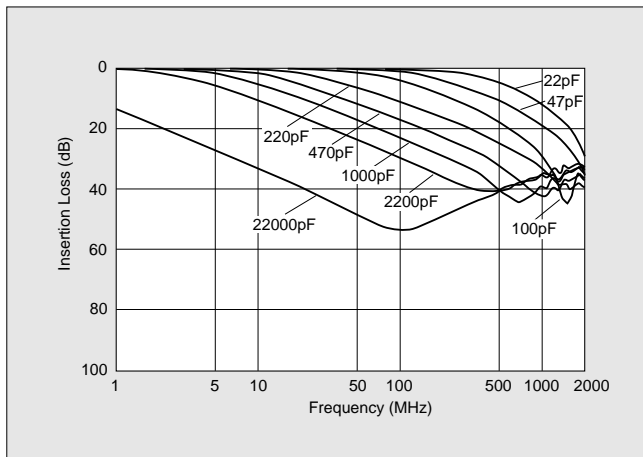
■EQUIVALENT CIRCUIT DIAGRAM



■ SPECIFICATIONS

Part Number	Capacitance	Rated Voltage	Rated Current	Insulation Resistance	DC Resistance	Operating Temp. Range
NFM39R02C220	22pF±20%	50VDC	300mADC	1000MΩ min.	0.6Ω max.	-55°C to +125°C
NFM39R02C470	47pF±20%					
NFM39R02C101	100pF±20%					
NFM39R12C221	220pF±20%					
NFM39R12C471	470pF±20%					
NFM39R12C102	1000pF±20%					
NFM39R12C222	2200pF±20%					
NFM39R12C223	22000pF±20%					

■ INSERTION LOSS CHARACTERISTICS (TYPICAL)



■ INSERTION LOSS MEASURING CIRCUIT

