50

50

50

300

300

300

muRata

NFM3DC Series

The chip "EMIFIL" NFM3DC series is a chip type three terminal EMI suppression filter. It can reduce residual inductance to an extremely low level making it excellent for noise suppression at high frequencies.

Features

An electrostatic capacitance range of 22 to 22,000pF enables suppression of noise at specific frequencies.

Applications

Part Number

NFM3DCC220U1H3

NFM3DCC470U1H3

NFM3DCC101U1H3

NFM3DCC221R1H3

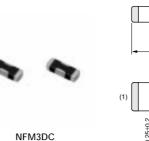
NFM3DCC471R1H3

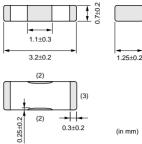
NFM3DCC102R1H3

NFM3DCC222R1H3

NFM3DCC223R1H3

High noise radiation and high impedance circuits such as digital circuits





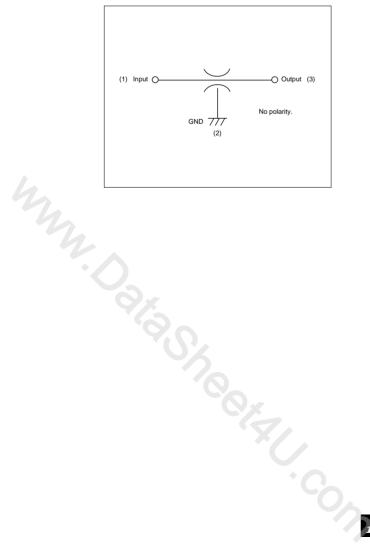
-55 to +125

-55 to +125

-55 to +125

Capacitance (pF)	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (min.) (M ohm)	Operating Temperature Range (°C)	
22 +50%,-20%	50	300	1000	-55 to +125	
47 +50%,-20%	50	300	1000	-55 to +125	
100 +50%,-20%	50	300	1000	-55 to +125	
220 +50%,-20%	50	300	1000	-55 to +125	
470 +50%,-20%	50	300	1000	-55 to +125	

Equivalent Circuit



1000 +50%,-20%

2200 +50%,-20%

22000 +50%,-20%

■ Insertion Loss Characteristics (Typical)

1000

1000

1000

