

Noise Suppression Products/EMI Suppression Filters > EMI filter for automotive powertrain > 3 terminal capacitor











How to check EU RoHS Compliance of Our Products is [here](#).

<a href="#">Product Lifecycle Stage</a>	in Production
<a href="#">Recommended Rank</a>	Preferred

**Specifications**

**Details**

Global Part Number	NFM31HK223R1H3B
Previous Part Number	
Applications	For Automotive Powertrain
AEC-Q200 advisability	available
Length	3.2mm ±0.2mm
Width	1.6mm ±0.2mm
Thickness	1.3mm ±0.2mm
Size Code (in mm)	3216
Size Code (in inch)	1206
Mass (Typ.)	0.038g
Rated Current	10A
Rated Voltage	50Vdc
Number of Circuit	1
Withstand Voltage	150Vdc
Capacitance	22000pF ±20%
Insulation Resistance (min.)	1000M ohm
DC Resistance (max.)	1.5m ohm
Operating Temperature Range	-55 to +125...

-  [Part Numbering](#)
-  [Appearance](#)
-  [Dimensions](#)
-  [Features](#)
-  [Equivalent Circuit](#)
-  [Insertion Loss Characteristics](#)
-  [Insertion Loss Characteristics \(Main Items\)](#)
-  [Derating of Rated Current](#)
-  [Design Kits](#)
-  [Specifications Sheet \(with cautions/mounting/packaging\)](#)

**Minimum Quantity**

180mm Paper Tape	
180mm Embossed Tape	
330mm Paper Tape	
330mm Embossed Tape	
Bulk Case	
Bulk(Bag)	500
Ammo Pack	
320Reel	
Magazine	
Box	

Please approve our product specifications or to transact the approval sheet for product specifications before ordering.

Please read rating and !Cautions first.

Product specifications in this catalog are as of January 2015

Please make sure to read the Murata's [Product Policy](#), too.

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