muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of BLM18EG391TH1# from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-global/products/productdetail?partno=BLM18EG391TH1%23

BLM18EG391TH1#

"#" indicates a package specification code.

In Production | RoHS | REACH | AEC-Q200

< List of part numbers with package codes >
BLM18EG391TH1J BLM18EG391TH1D BLM18EG391TH1B

Appearance & Shape

1.6±0.15   0.8±0.15

0.4±0.2

Part Number	T
BLM18EG□□□T□1	0.5±0.15
BLM18EG□□□S□1	0.8±0.15

□: Electrode

(in mm)
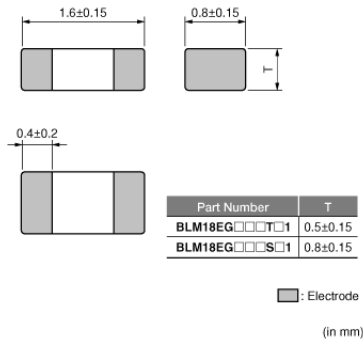
Features

BLM18E series has a modified internal electrode structure, that minimizes stray capacitance and increases the effective frequency range.

Features
1. Low DC Resistance and a large Rated Current are suitable for noise suppression of the driver circuit.
2. Excellent direct current characteristics.
3. Thin type (t=0.5mm) is suitable for small and low profile equipment such as ETC, RKE.

Applications

Automotive Usage	Powertrain/Safety

Packaging Information

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	10000
D	180mm Paper Tape	4000
B	Bulk(Bag)	1000

muRata
INNOVATOR IN ELECTRONICS

URL : https://www.murata.com/

Last updated : 2019/09/05

BLM18EG391TH1#

"#" indicates a package specification code.

Specifications

Shape	SMD	Mass(typ.)	0.004g
Size Code (in mm)	1608	Number of Circuit	1
Size Code (in inch)	0603		
Length	1.6mm		
Length Tolerance	±0.15mm		
Width	0.8mm		
Width Tolerance	±0.15mm		
Thickness	0.5mm		
Thickness Tolerance	±0.15mm		
Impedance (at 100MHz)	390Ω		
Impedance (at 100MHz) Tolerance	±25%		
Impedance (at 1GHz)	520Ω		
Impedance (at 1GHz) Tolerance	(Typ.)		
Rated Current (at 85℃)	500mA		
Rated Current (at 125℃)	500mA		
DC Resistance(max.)	0.3Ω		
Operating Temperature Range	-55℃ to 125℃		

BLM18EG391TH1#

"#" indicates a package specification code.

Product Data
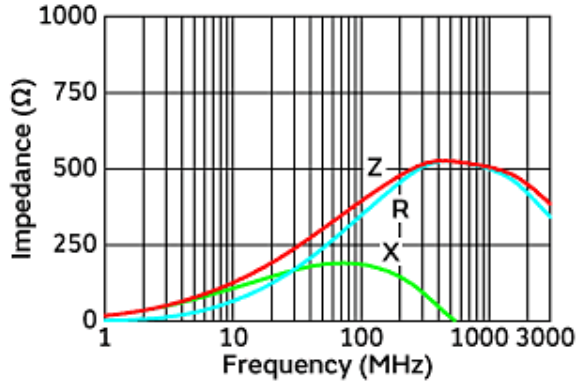
Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

URL : https://www.murata.com/

Last updated : 2019/09/05