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DFE2016CKA-1R0M#

"#" indicates a package specification code.

In Production | RoHS | REACH | 125 °C max. | Wound (Metal) | Reflow OK

< List of part numbers with package codes >

DFE2016CKA-1R0M=P2

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & operation & auto-dispenser equipment,Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Notices

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.

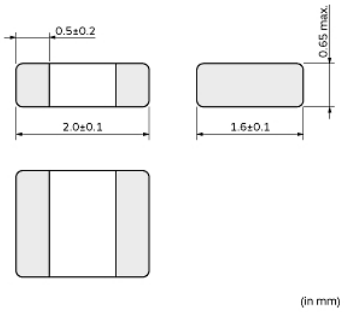
References

Packaging	Specifications	Standard Packing Quantity
=P2	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.0107g

Appearance & Shape





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Specifications

L size	2.0±0.1mm
W size	1.6±0.1mm
T size	0.65mm
Size code inch (mm)	0806 (2016)
Inductance	1μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1800mA
Rated current (Itemp) (Based on Temperature rise)	1800mA
Max. of DC resistance	0.1Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 125℃
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	10Vdc
Brand	Murata
Series	DFE2016CKA

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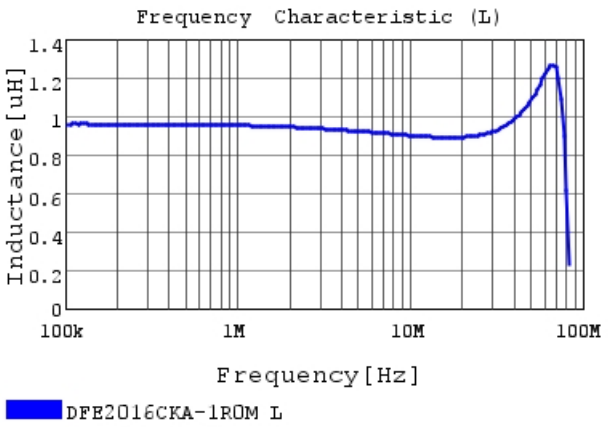
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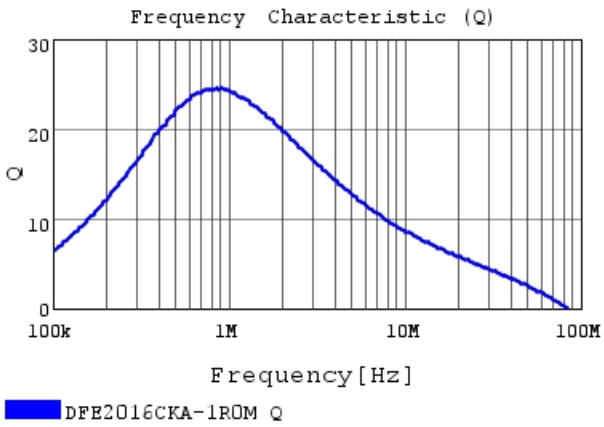
DFE2016CKA-1R0M#

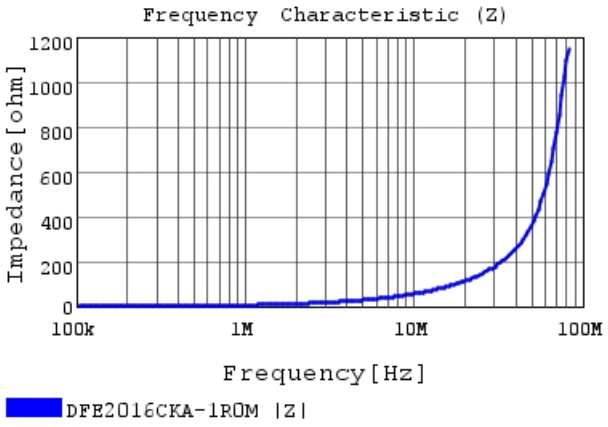
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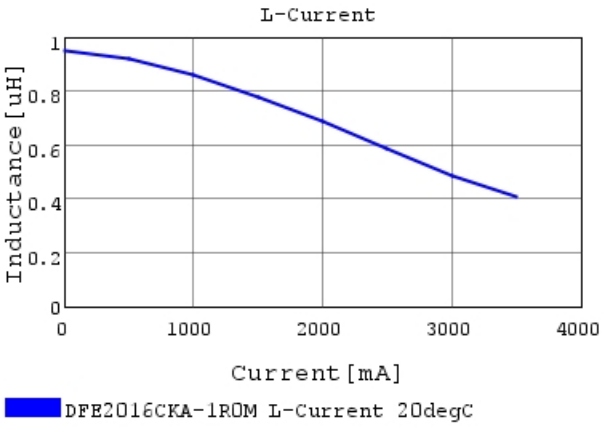
Characteristic Data

The charts below may show another part number which shares its characteristics.









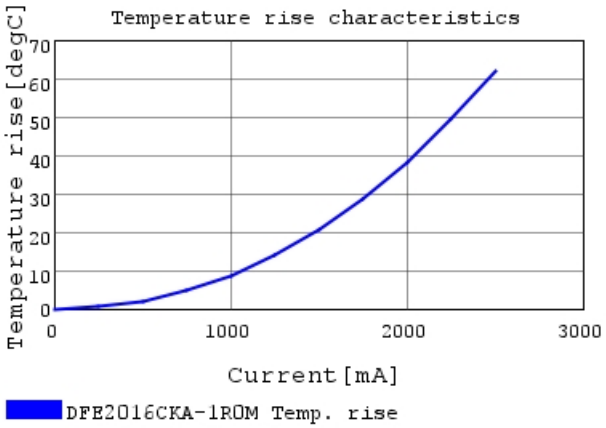
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