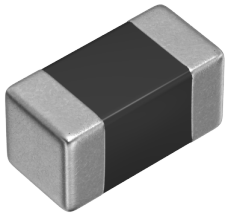
Creation Date : July 29, 2021 (GMT)

Noise Suppression Filters

MDF1005GAD102ATD25 New Product

RoHS Reach Halogen Free Pb Free

Applications	Automotive Grade
Applications Detail	Automotive
Feature	For UHF Band
Series	MDF
Status	Production



Size	
Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness(T)	0.50mm ±0.05mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

Electrical Characteristics	
Impedance (Typ.) at 1MHz	
Impedance (Typ.) at 100MHz	190Ω
Impedance (Typ.) at 900MHz	1kΩ
Impedance (Typ.) at 1.7GHz	
Rated Current	550mA
DC Resistance (Typ.)	530mΩ
DC Resistance (Max.)	690mΩ

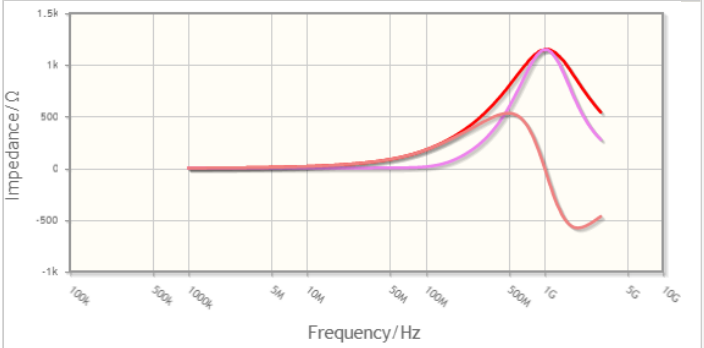
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow Iron Soldering
Packing	Punched (Paper)Taping [180mm Reel, Tape width 8mm]
Package Quantity	10000pcs
Weight	0.001g

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

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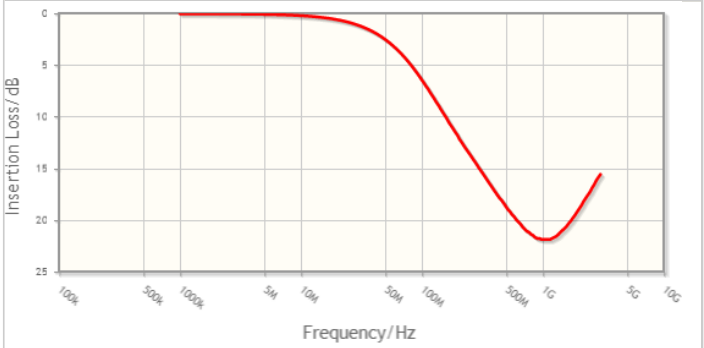
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

Impedance-R-X



MDF1005GAD102ATD25(|Z|) MDF1005GAD102ATD25(R) MDF1005GAD102ATD25(X)

Insertion Loss



MDF1005GAD102ATD25

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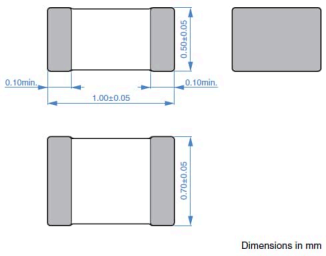
Noise Suppression Filters

MDF1005GAD102ATD25New
Product

RoHS Reach Halogen Free Pb Free

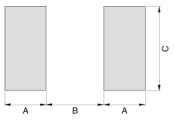
Associated Images

Shapes and Dimensions



Dimensions in mm

Land Pattern (Terminal Connection)



Dimensions in mm

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