

MLG1608B8N2DT000



<b>Applications</b>	Commercial Grade
<b>Feature</b>	<b>Multilayer</b> Multilayer
	<b>Non-Mag Core</b> Non-Magnetic Core (Dielectric Ceramic)
<b>Series   Type</b>	MLG
<b>Status</b>	Obsolete Recommended Alternate Part No. : <a href="#">MHQ1005P8N7JT000</a> (Interchangeability is not guaranteed.)
	Discontinue Issue Date : Nov.4, 2015
	Last Purchase Order Date : Dec.29, 2016
	Last Shipment Date : Jun.30, 2017
<b>Brand</b>	TDK



Size	
Length(L)	1.60mm ±0.15mm
Width(W)	0.80mm ±0.15mm
Thickness   Height	0.80mm ±0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	8.2nH ±0.5nH at 100MHz
Rated Current	600mA
DC Resistance [Typ.]	100mΩ
DC Resistance [Max.]	200mΩ
Self Resonant Frequency [Min.]	4.5GHz
Self Resonant Frequency [Typ.]	5.6GHz
Q [Min.]	10 at 100MHz
Q [Typ.]	

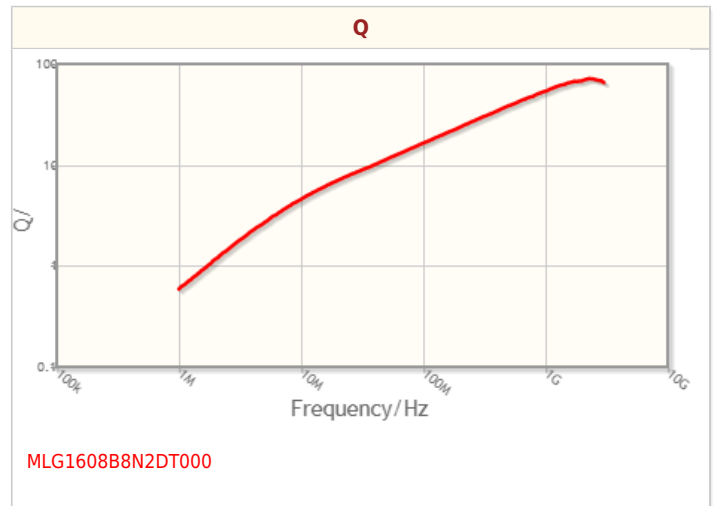
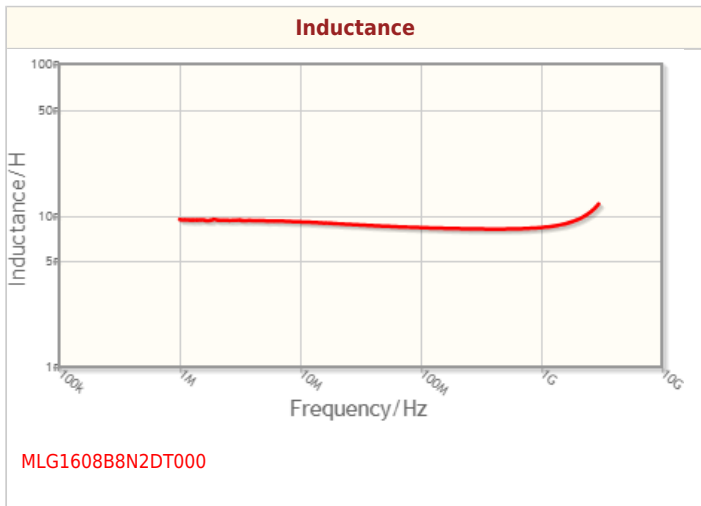
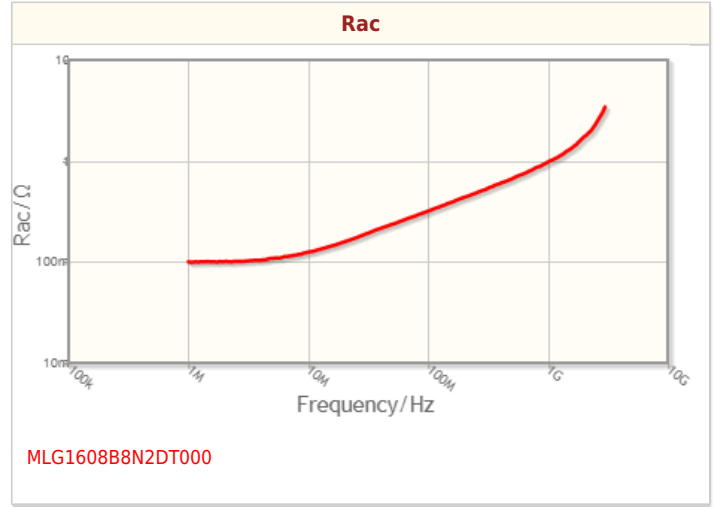
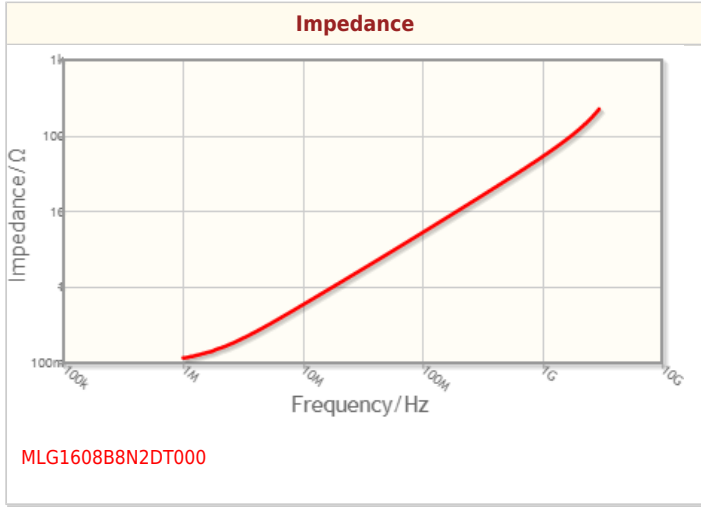
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
Weight	0.004g

! Images are for reference only and show exemplary products.  
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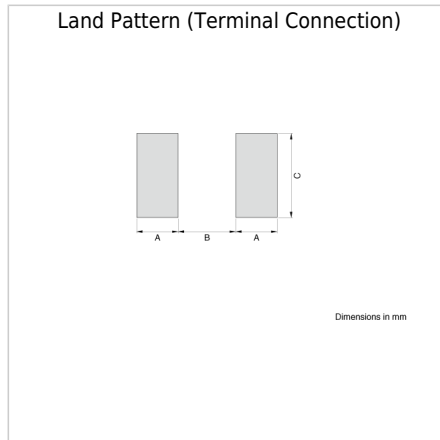
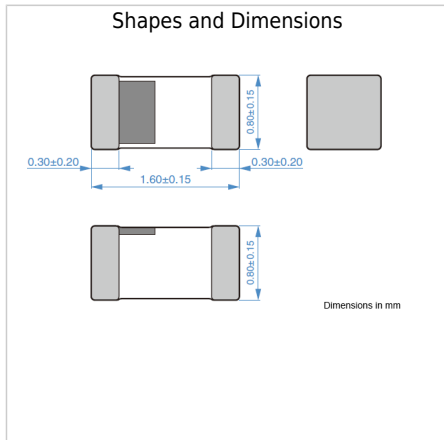
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images



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