





# MLZ1608E100MT000

Applications		Commercial Grade
Feature		Multilayer
		Magnetic Shield
		Ferrite Core
Series	MLZ Series / MLZ1608 Type	
Status	Production (Recommended Alternate Part is available.)(Recommended Alternate Part Number:MLZ1608M100WT000)	



Size	
Length(L)	1.60mm +/-0.15mm
Width(W)	0.80mm +/-0.15mm
Thickness(T)	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.

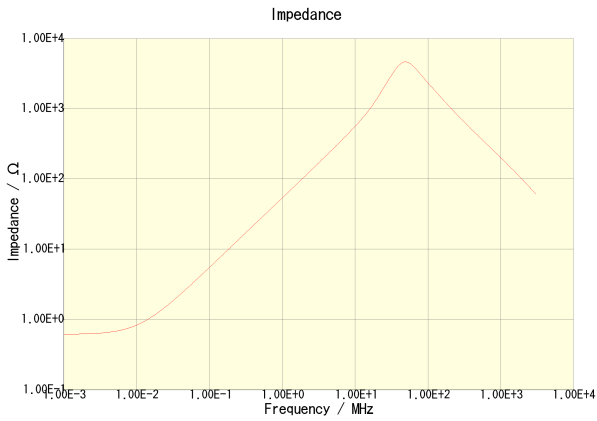
Electrical Characteristics	
Inductance	10uH +/-20% at 2MHz
Rated Current (L Change) [Max.]	40mA (50% Down)
Rated Current (Temperature Rise) [Typ.]	40mA (20degC Rise)
Self-Resonant Frequency [Min.]	
DC Resistance [Nom.]	900mΩ
DC Resistance [Max.]	1.17Ω

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Flow, Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

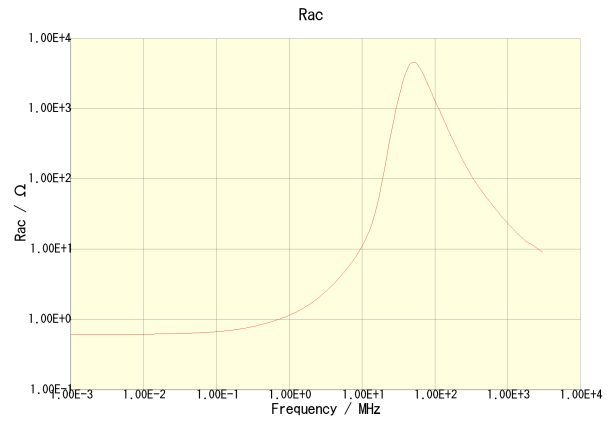
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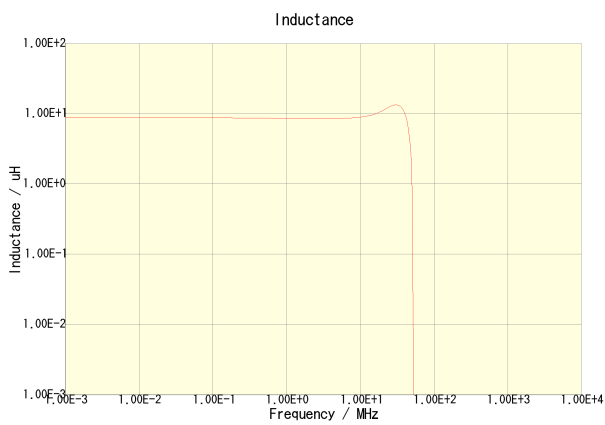
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



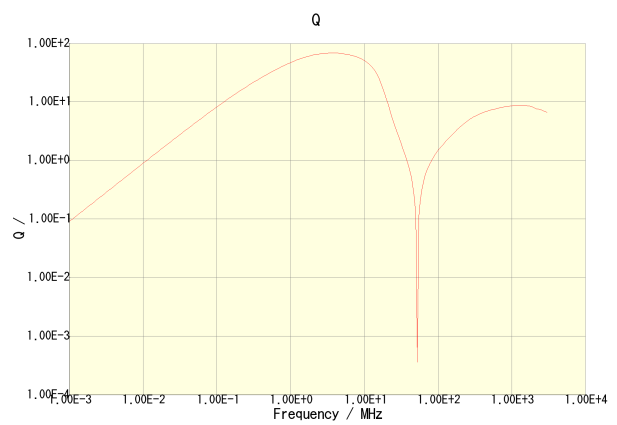
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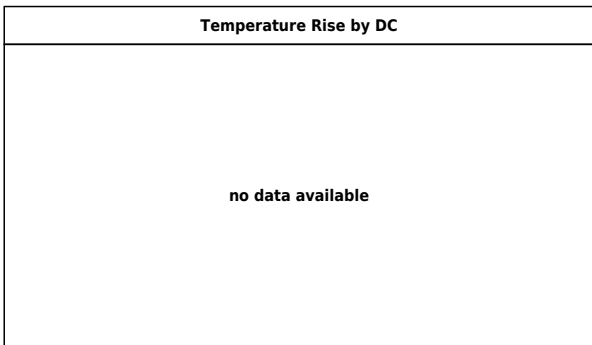
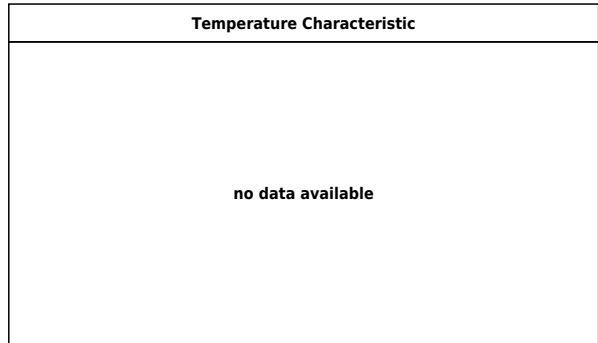
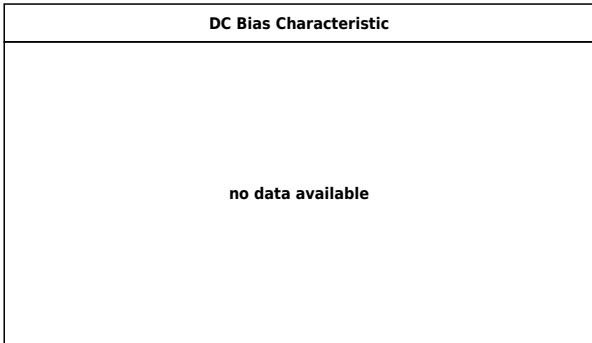


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