




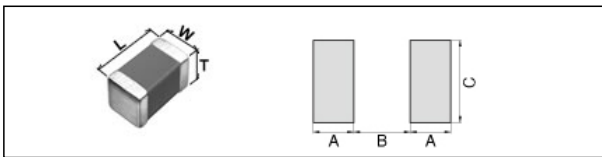


# GLF1608T1R0M

Applications	 Commercial Grade
Feature	 Wire Wound
	 Magnetic Shield
	 No Directivity
	 Ferrite Core
Series	GLF Series / GLF1608 Type
Status	OBSL(Recommended Alternate Part Number:MLZ1608A1R0WT000) Discontinue Issue Date: Apr.27, 2011 Last Purchase Order Date: Jun.30, 2012 Last Shipment Date: Sep.30, 2012



Size	
Length(L)	1.60mm Nom.
Width(W)	0.80mm Nom.
Thickness(T)	0.80mm +/-0.20mm
Recommended Land Pattern (A)	0.70mm Nom.
Recommended Land Pattern (B)	0.70mm Nom.
Recommended Land Pattern (C)	0.70mm Nom.

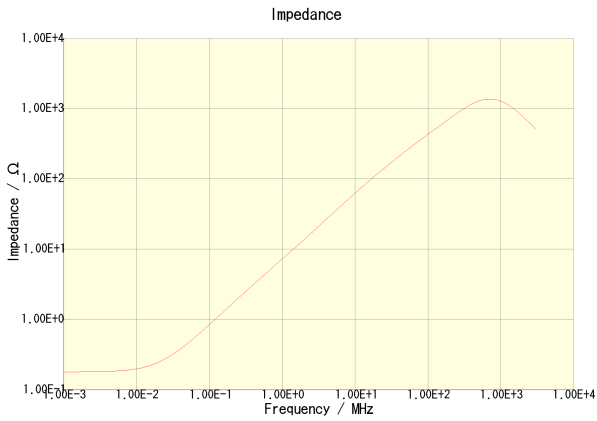
Electrical Characteristics	
Inductance	1uH +/-20% at 7.96MHz
Rated Current (L Change) [Max.]	220mA (30% Down)
Rated Current (Temperature Rise) [Max.]	400mA (20degC Rise)
DC Resistance [Nom.]	170mΩ
DC Resistance [Max.]	221mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Flow, Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.005g

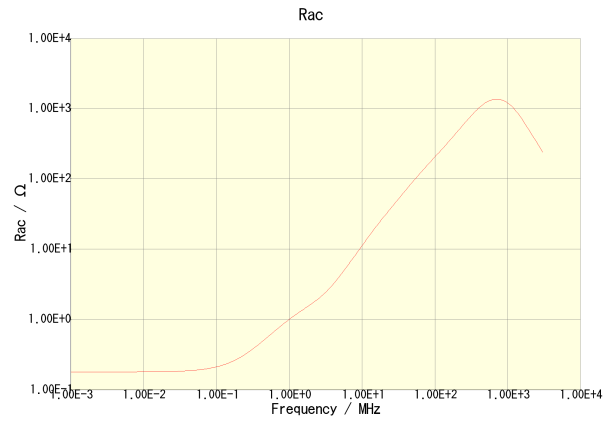
•This PDF document was created based on the data listed on the TDK Corporation website.  
•All specifications are subject to change without notice.

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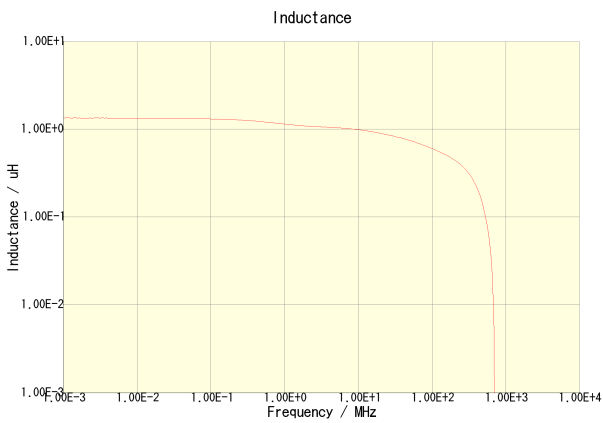
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



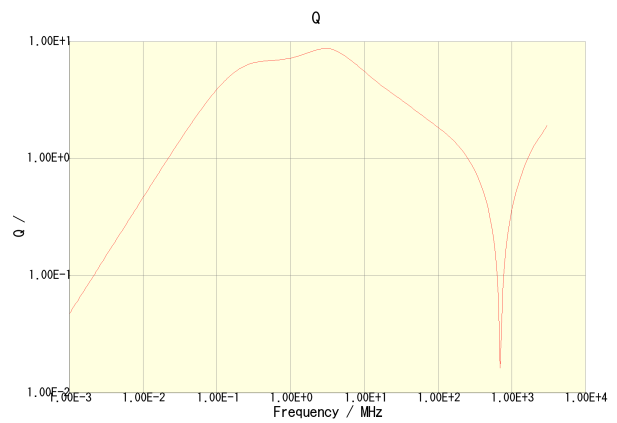
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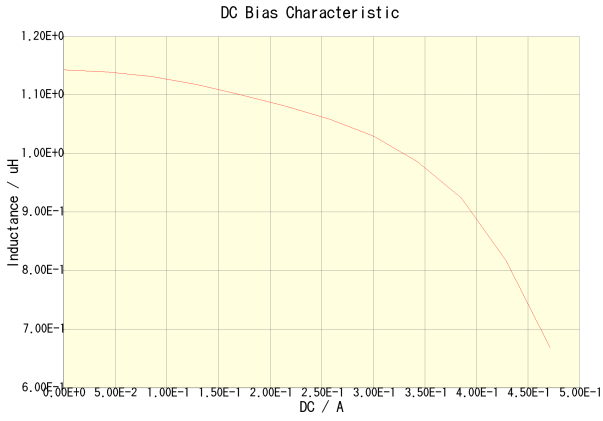


**GLF1608T1R0M**

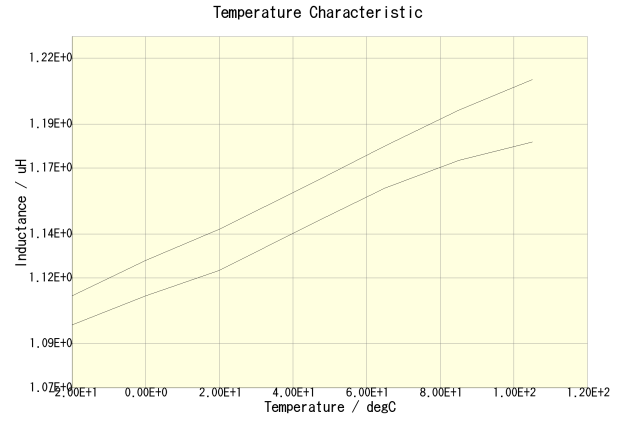
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## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



**GLF1608T1R0M(Amb. Temp. = 20degc)**



**GLF1608T1R0M(DC = 0A)**

**GLF1608T1R0M(DC = 0.11A)**

Temperature Rise by DC
no data available

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