





# MLF1608DR82KTA00

Applications	 Commercial Grade
Feature	 Multilayer
	 Magnetic Shield
	 Ferrite Core
Series	MLF Series / MLF1608 Type
Status	PROD



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.

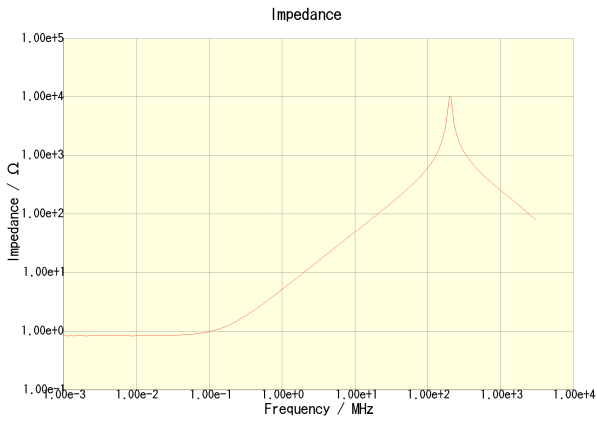
Electrical Characteristics	
Inductance	820nH +/-10% at 25MHz
Rated Current	70mA
Self-Resonant Frequency [Min.]	130MHz
Self-Resonant Frequency [Typ.]	190MHz
Q [Min.]	15 at 25MHz
Q [Typ.]	30 at 25MHz
DC Resistance [Nom.]	750mΩ
DC Resistance [Max.]	1.4Ω

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 85degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

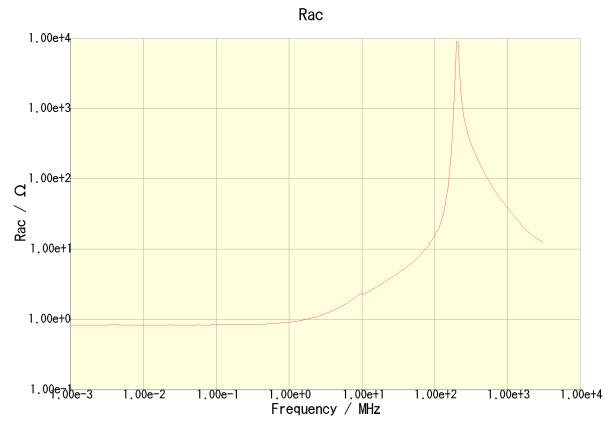
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

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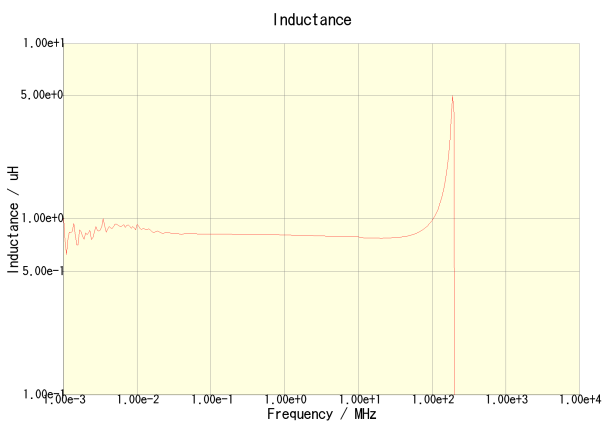
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



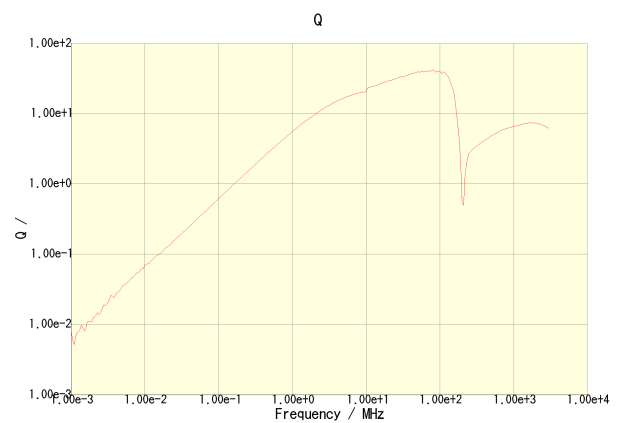
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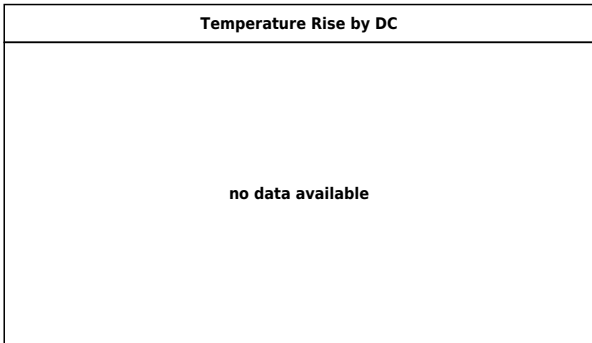
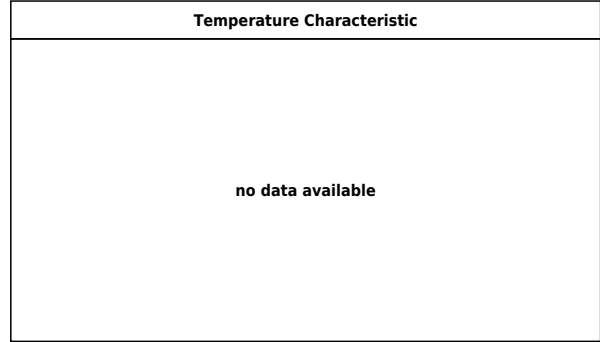
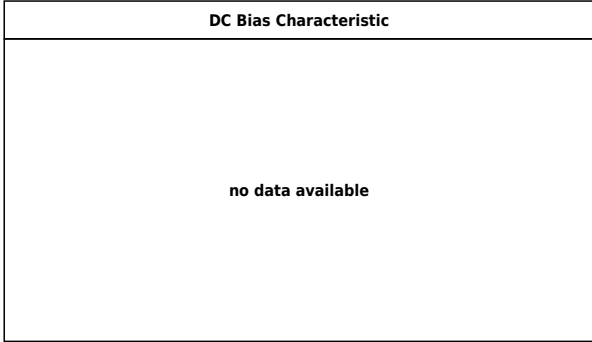


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