




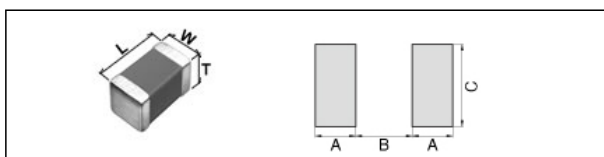


MLF1608A1R5KTD25

Applications		Automotive Grade
Feature		Multilayer
		Magnetic Shield
		Ferrite Core
		AEC-Q200
Series	MLF Series / MLF1608 Type	
Status	PROD	



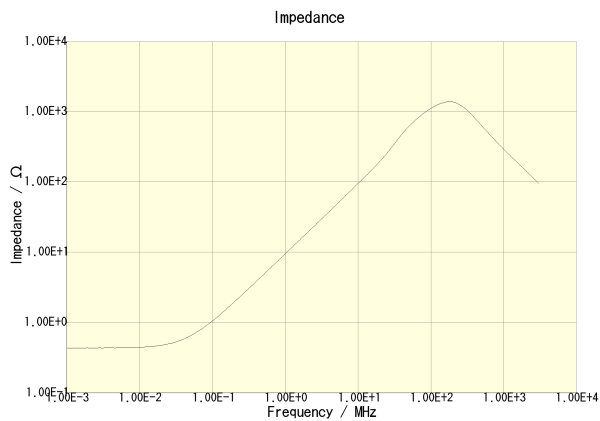
Size	
Length(L)	1.60mm +/-0.15mm
Width(W)	0.80mm +/-0.15mm
Thickness(T)	0.80mm +/-0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

Electrical Characteristics	
Inductance	1.5uH +/-10% at 10MHz
Rated Current	50mA
Self-Resonant Frequency [Min.]	100MHz
Self-Resonant Frequency [Typ.]	140MHz
Q [Min.]	35 at 10MHz
Q [Typ.]	55 at 10MHz
DC Resistance [Nom.]	300mΩ
DC Resistance [Max.]	700mΩ

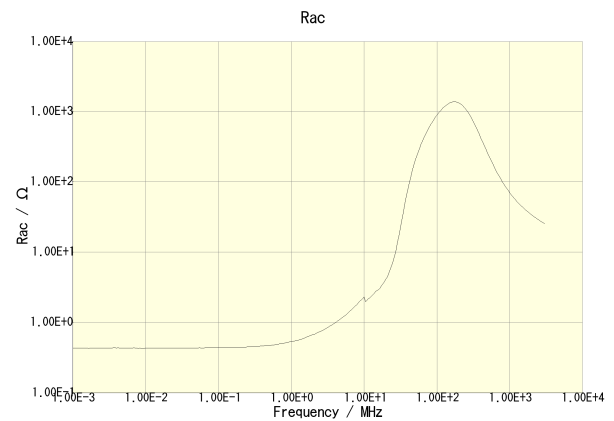
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

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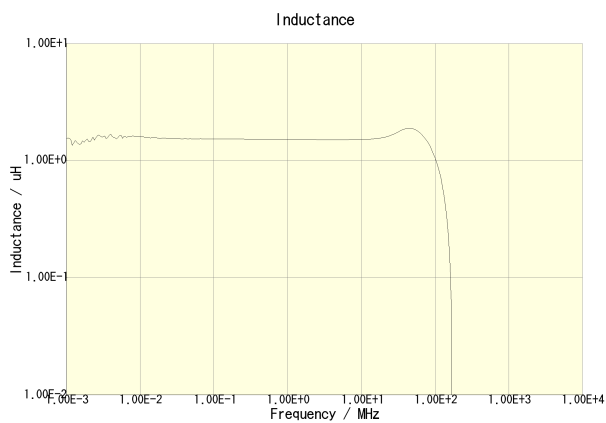
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



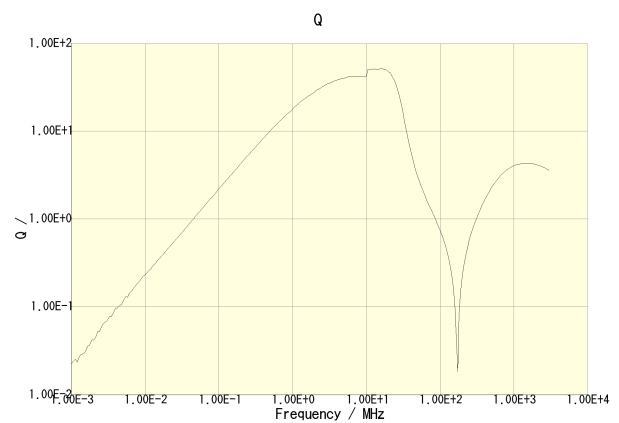
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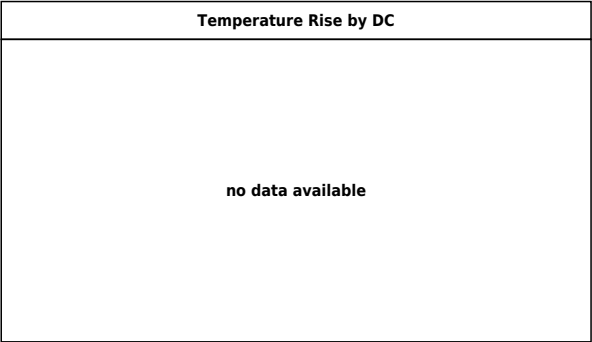
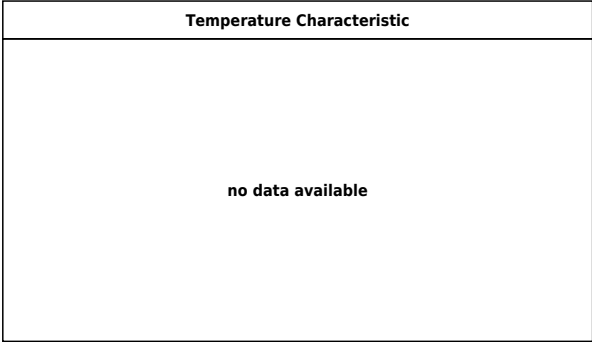
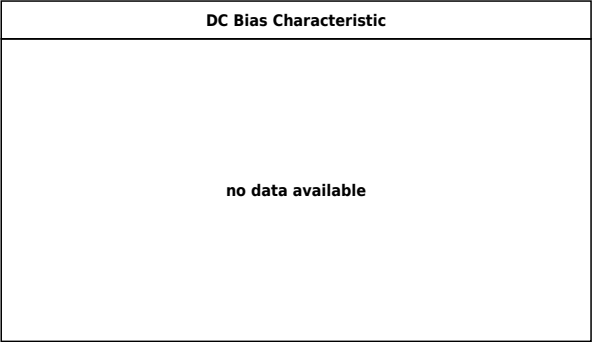
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•This PDF document was created based on the data listed on the TDK Corporation website.
•All specifications are subject to change without notice.