

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

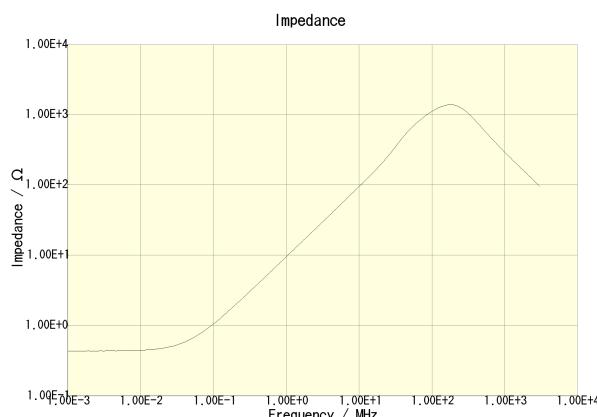
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

•This PDF document was created based on the data listed on the TDK Corporation website.

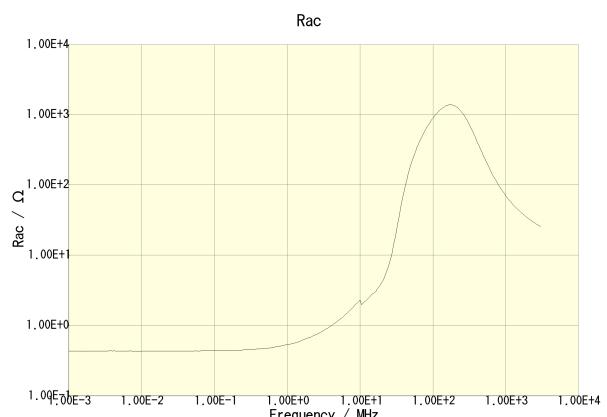
•All specifications are subject to change without notice.

MLF1608A1R5KTD25

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



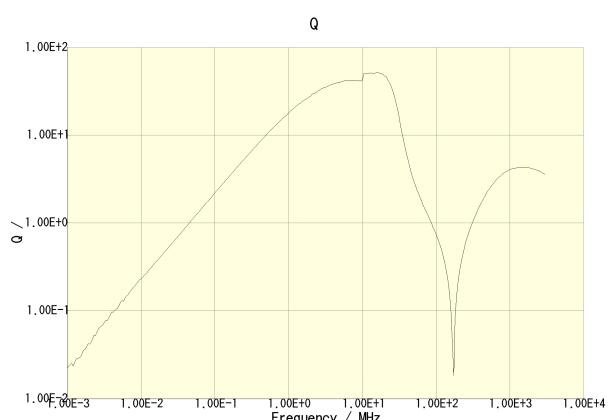
MLF1608A1R5KTD25



MLF1608A1R5KTD25



MLF1608A1R5KTD25



MLF1608A1R5KTD25

•This PDF document was created based on the data listed on the TDK Corporation website.

•All specifications are subject to change without notice.

MLF1608A1R5KTD25

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

DC Bias Characteristic

no data available

Temperature Characteristic

no data available

Temperature Rise by DC

no data available