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Stocking Distributor

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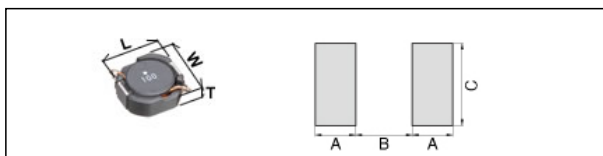
[TDK Corporation](#)
[CLF12555T-680M-CA](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

CLF12555T-680M-CA

Applications	Automotive Grade
Feature	Wire Wound
	Magnetic Shield
	Ferrite Core
	AEC-Q200
Series	CLF-CA Series / CLF12555-CA Type
Status	Production



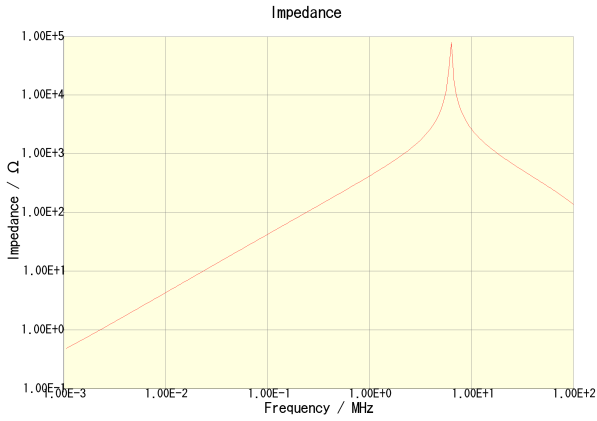
Size	
Length(L)	12.50mm +/-0.30mm
Width(W)	12.10mm +0.30/-0.20mm
Thickness(T)	5.50mm +/-0.35mm
Recommended Land Pattern (A)	2.70mm Nom.
Recommended Land Pattern (B)	8.30mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

Electrical Characteristics	
Inductance	68uH +/-20% at 100kHz
Rated Current (L Change) [Typ.]	2.6A (10% Down)
Rated Current (Temperature Rise) [Typ.]	1.6A (30degC Rise)
DC Resistance [Nom.]	125mΩ
DC Resistance [Max.]	150mΩ

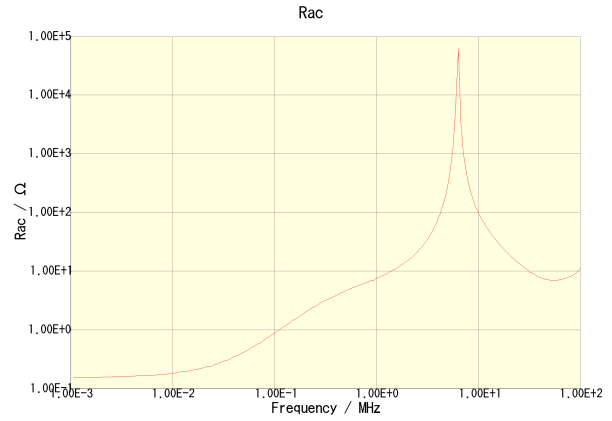
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	3g

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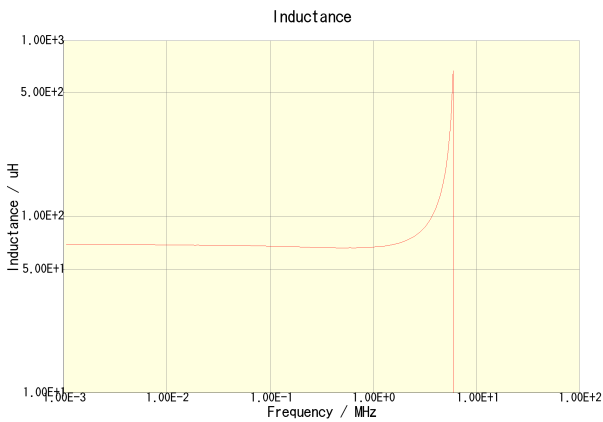
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



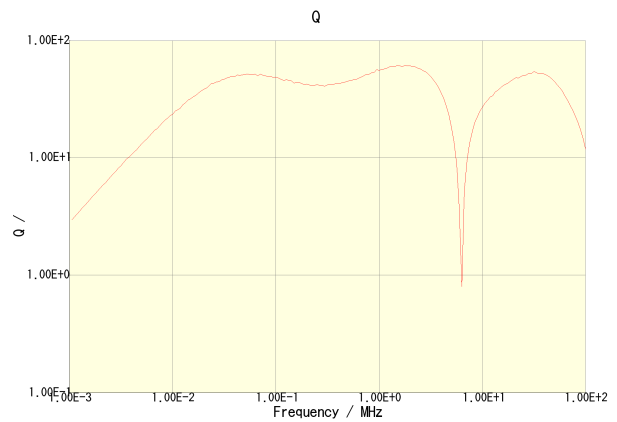
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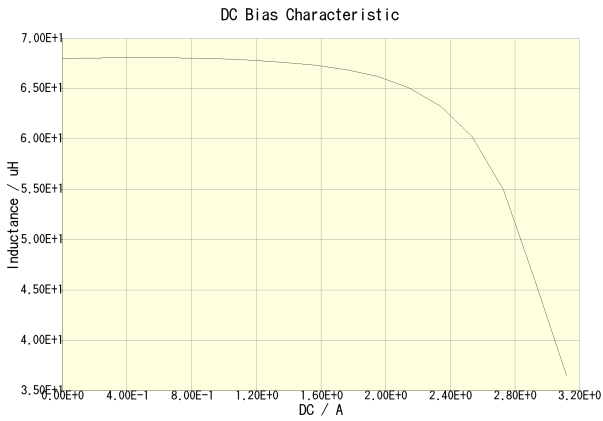
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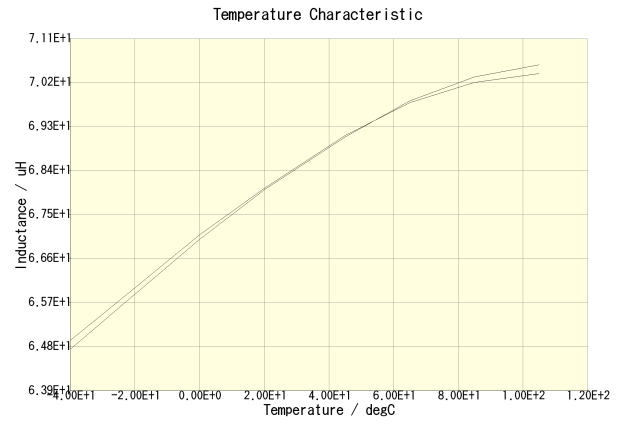
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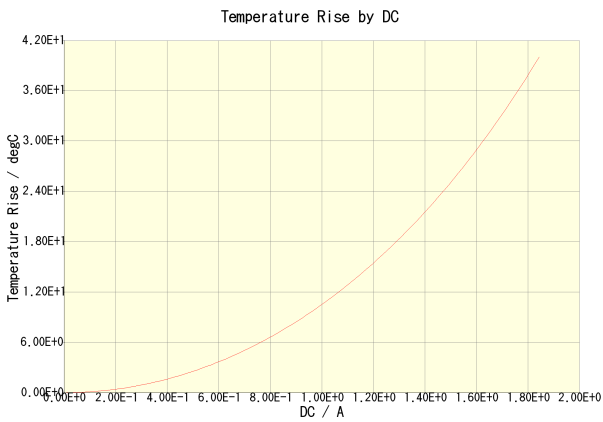


CLF1255T-680M-CA(Amb. Temp. = 20degc)



CLF1255T-680M-CA(DC = 0A)

CLF1255T-680M-CA(DC = 0.8A)



CLF1255T-680M-CA(Amb. Temp. = 20degc)