




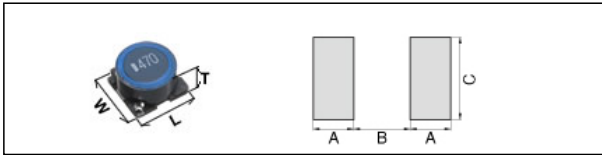


# SLF12575T-680M2R0-H

Applications	 Automotive Grade
Feature	 Wire Wound
	 Magnetic Shield
	 Ferrite Core
	 AEC-Q200
Series	SLF-H Series / SLF12575-H Type
Status	PROD



Size	
Length(L)	12.50mm +/-0.30mm
Width(W)	12.50mm +/-0.30mm
Thickness(T)	7.50mm +/-0.35mm
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	8.50mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

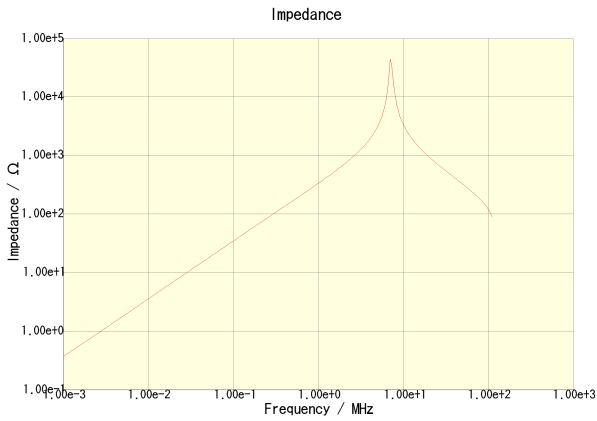
Electrical Characteristics	
Inductance	68uH +/-20% at 1kHz
Rated Current (L Change) [Max.]	2A (10% Down)
Rated Current (Temperature Rise) [Typ.]	2.4A (40degC Rise)
DC Resistance [Nom.]	77.8mΩ
DC Resistance [Max.]	93.36mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	3.4g

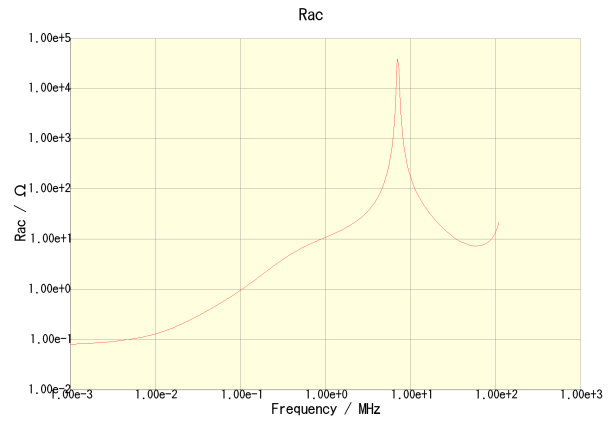
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 •All specifications are subject to change without notice.

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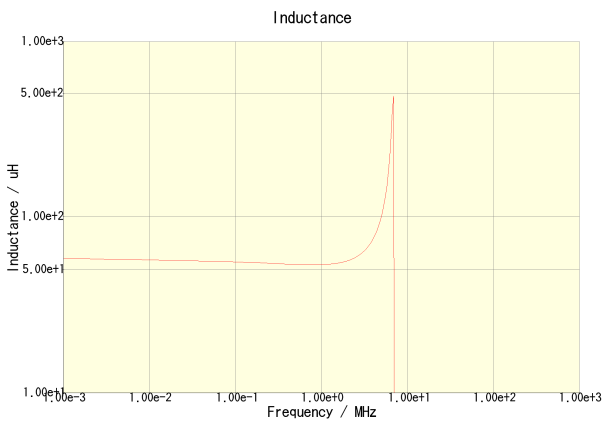
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



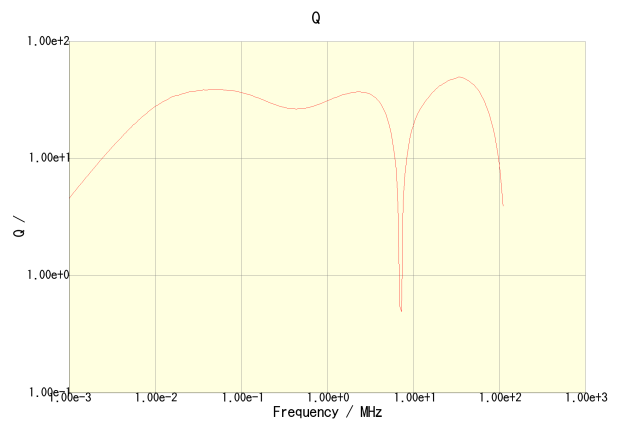
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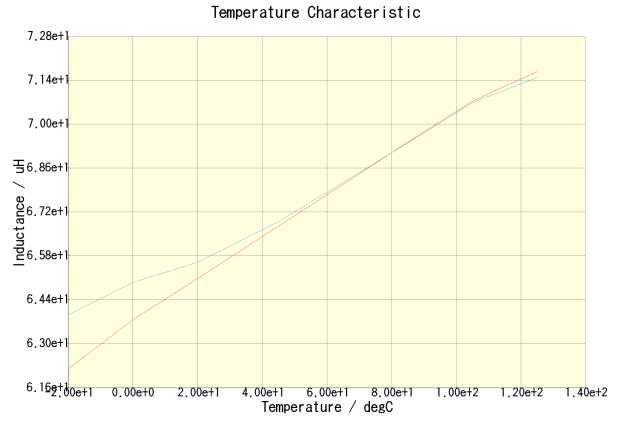
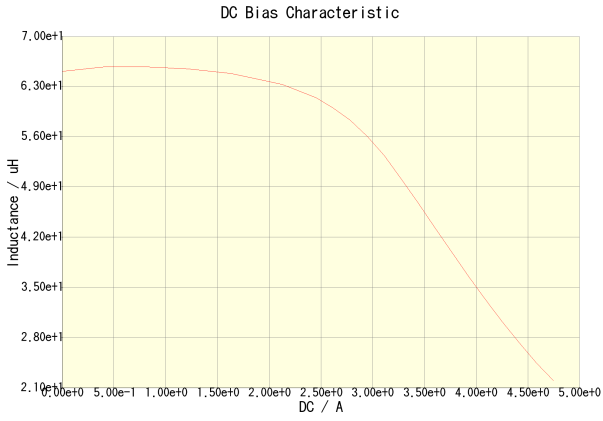


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SLF12575T-680M2R0-H(Amb. Temp. = 20degc)

SLF12575T-680M2R0-H(DC = 0A) SLF12575T-680M2R0-H(DC = 1A)

Temperature Rise by DC
no data available

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