

CLF6045T-4R7N

Applications  Commercial Grade

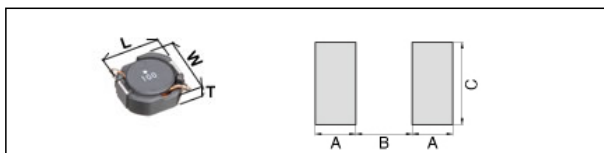
Feature  Wire Wound

 Magnetic Shield

 Ferrite Core

Series CLF Series / CLF6045 Type

Status PROD



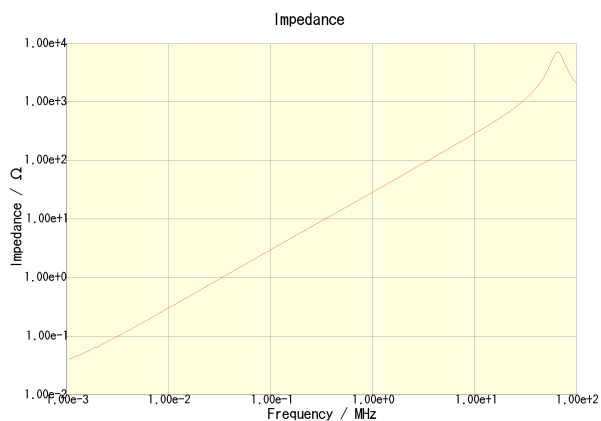
Size	
Length(L)	6.20mm +/-0.20mm
Width(W)	5.90mm +/-0.20mm
Thickness(T)	4.50mm +/-0.30mm
Recommended Land Pattern (A)	1.70mm Nom.
Recommended Land Pattern (B)	3.60mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	4.7uH +/-30% at 100kHz
Rated Current (L Change) [Typ.]	2.5A (10% Down)
Rated Current (Temperature Rise) [Typ.]	3.2A (30degC Rise)
DC Resistance [Nom.]	23mΩ
DC Resistance [Max.]	29.9mΩ

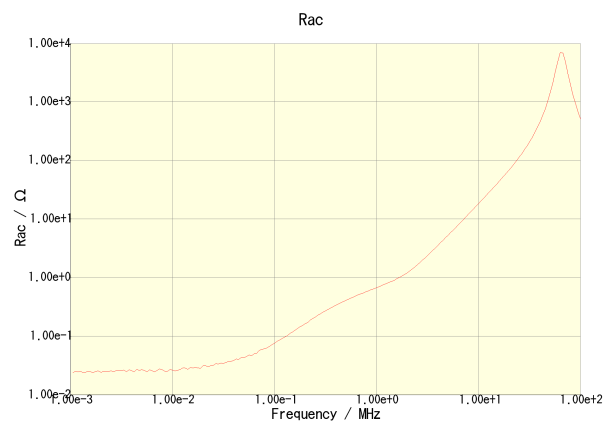
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.6g

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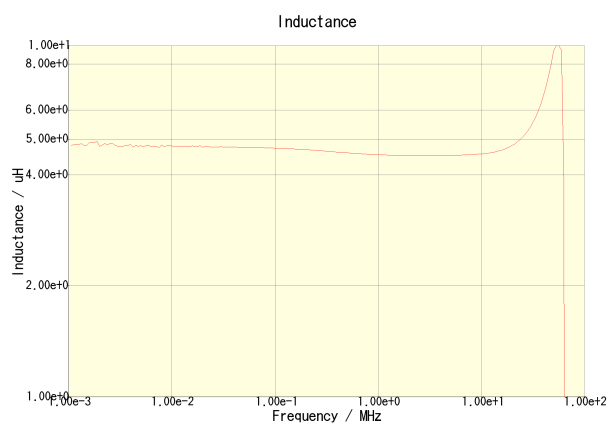
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



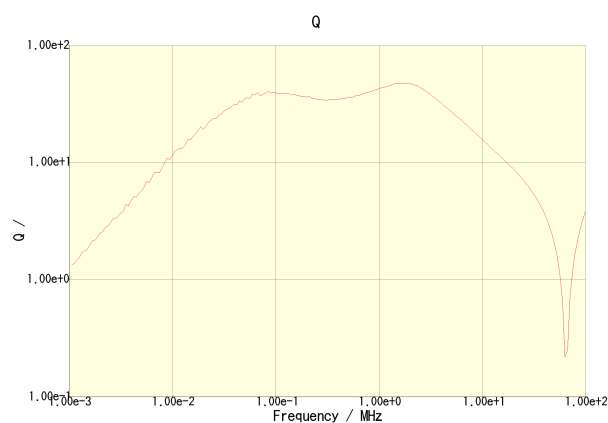
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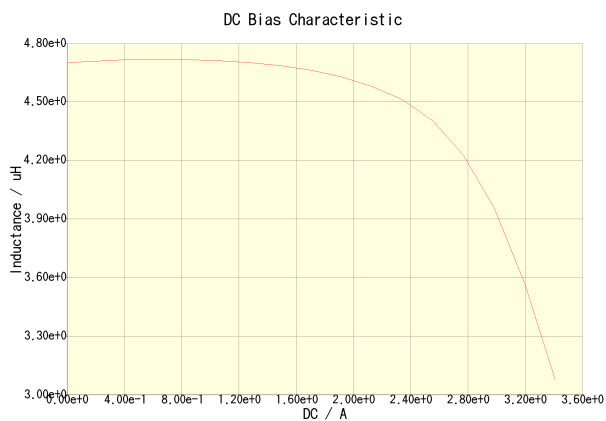
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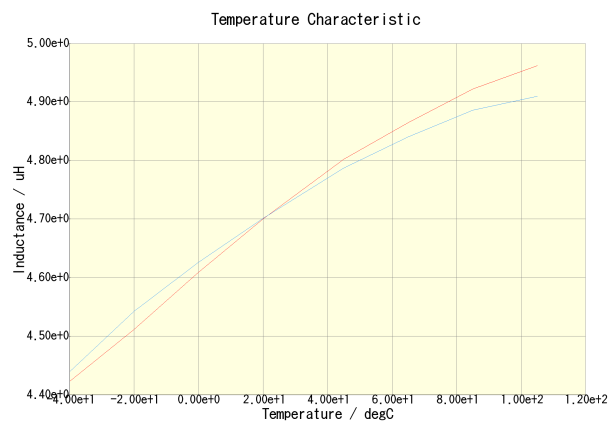
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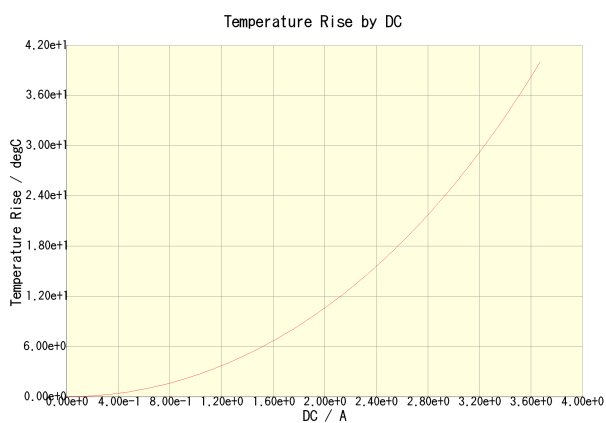


CLF6045T-4R7N(Amb. Temp. = 20degc)



CLF6045T-4R7N(DC = 0A)

CLF6045T-4R7N(DC = 1.25A)



CLF6045T-4R7N(Amb. Temp. = 20degc)