



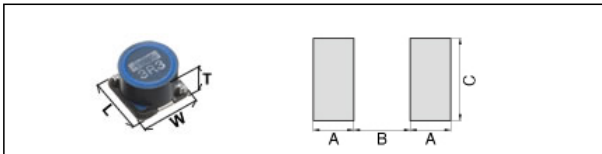


# SLF6028T-470MR59-PF

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
Series	SLF Series / SLF6028 Type	
Status	Production	



Size	
Length(L)	6.00mm +/-0.20mm
Width(W)	6.00mm +/-0.20mm
Thickness(T)	2.80mm +/-0.20mm
Recommended Land Pattern (A)	1.50mm Nom.
Recommended Land Pattern (B)	4.00mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

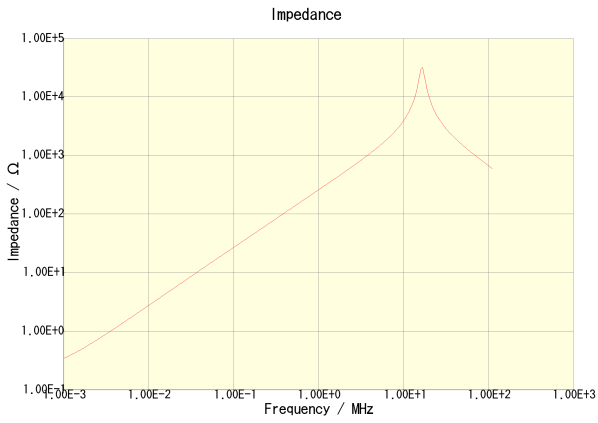
Electrical Characteristics	
Inductance	47uH +/-20% at 100kHz
Rated Current (L Change) [Max.]	590mA (30% Down)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Nom.]	210mΩ
DC Resistance [Max.]	252mΩ

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	0.3g

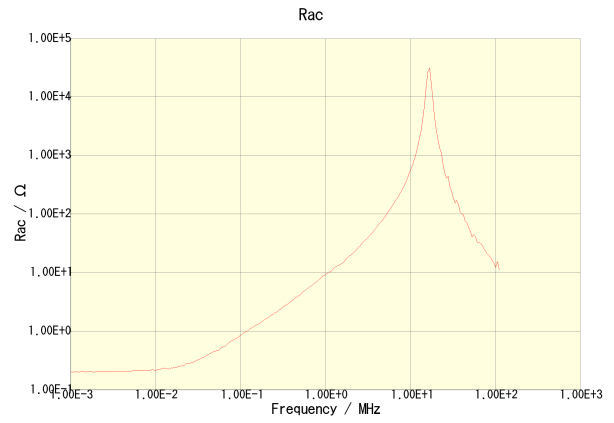
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

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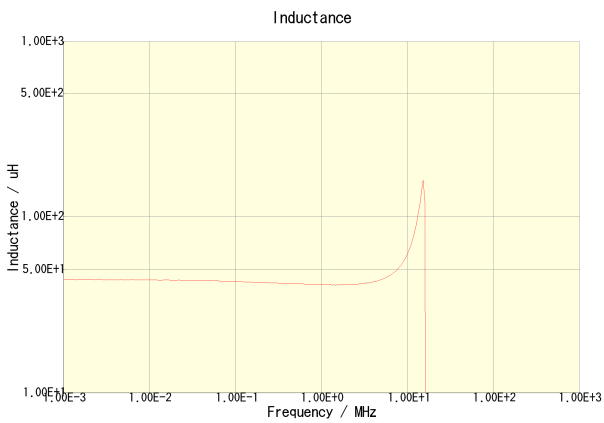
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



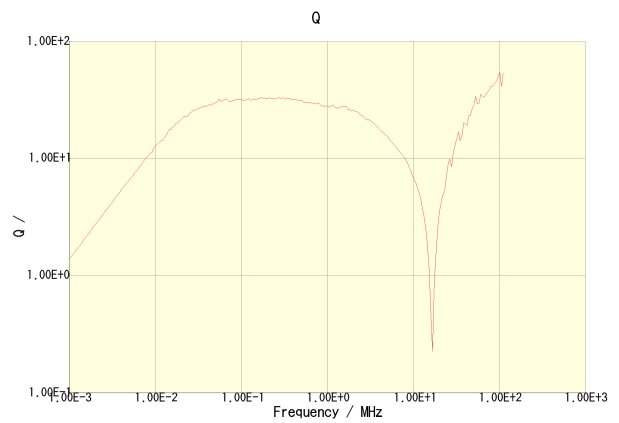
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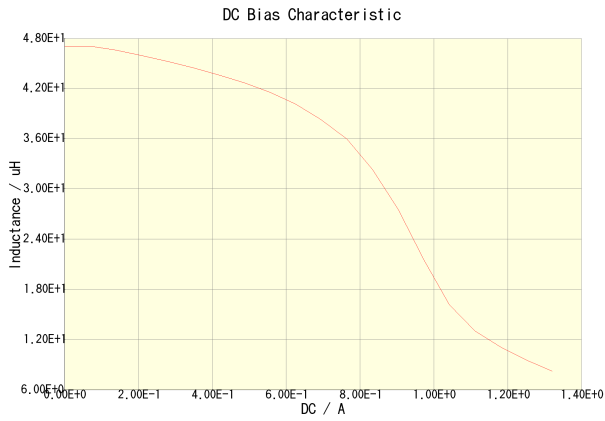


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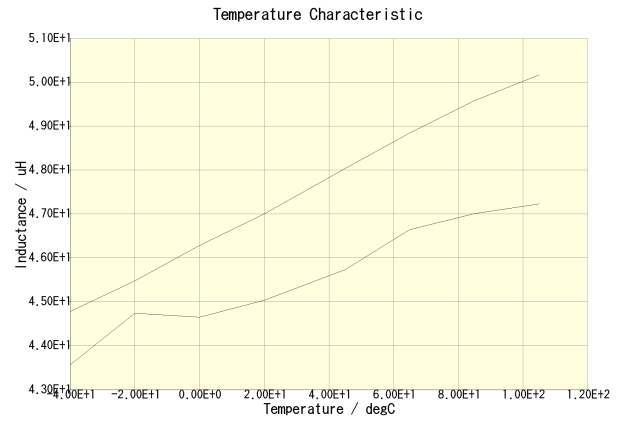
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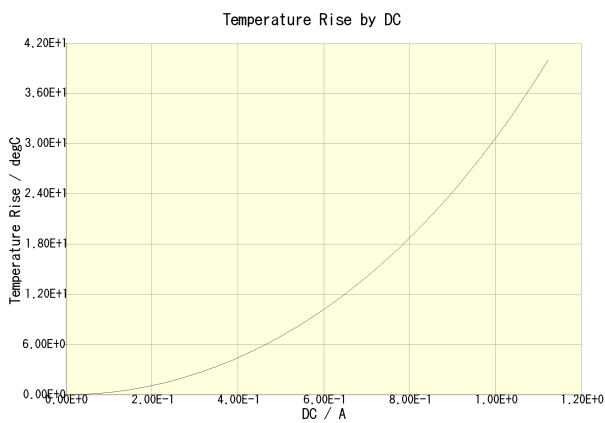
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



SLF6028T-470MR59-PF(Amb. Temp. = 20degC)



SLF6028T-470MR59-PF(DC = 0A) SLF6028T-470MR59-PF(DC = 0.295A)



SLF6028T-470MR59-PF(Amb. Temp. = 20degC)

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