



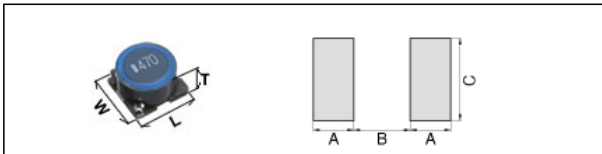


# SLF12565T-221M1R0-PF

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
Series	SLF Series / SLF12565 Type	
Status	Production	



Size	
Length(L)	12.50mm +/-0.30mm
Width(W)	12.50mm +/-0.30mm
Thickness(T)	6.50mm +/-0.35mm
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	8.50mm Nom.
Recommended Land Pattern (C)	3.20mm Nom.

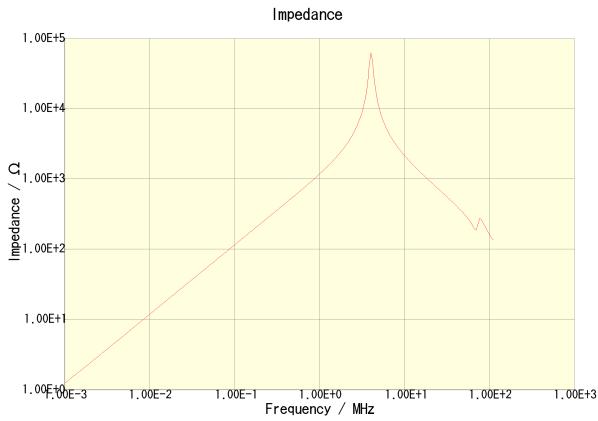
Electrical Characteristics	
Inductance	220uH +/-20% at 1kHz
Rated Current (L Change) [Max.]	1A (10% Down)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Nom.]	273mΩ
DC Resistance [Max.]	328mΩ

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	500Pcs Min.
Weight	3.2g

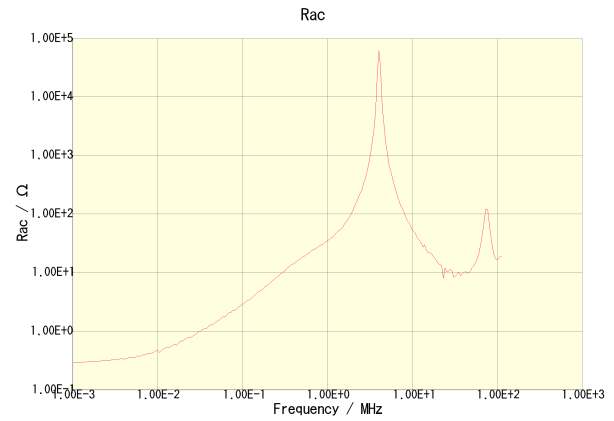
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

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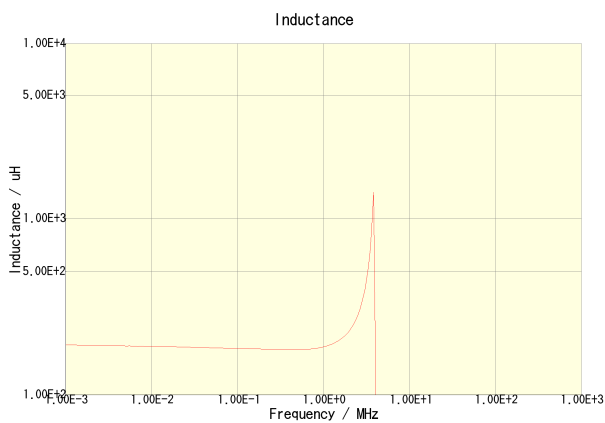
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



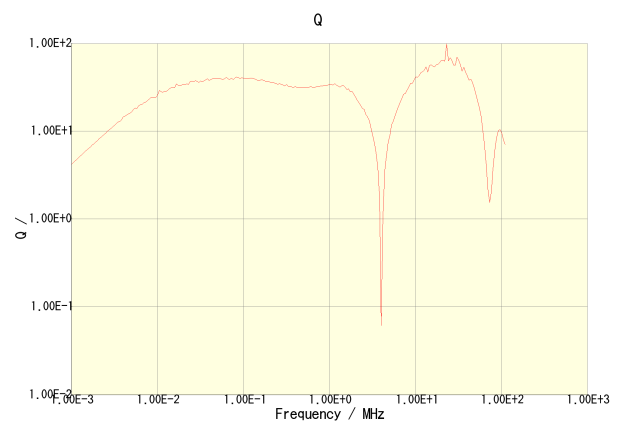
**SLF12565T-221M1R0-PF**



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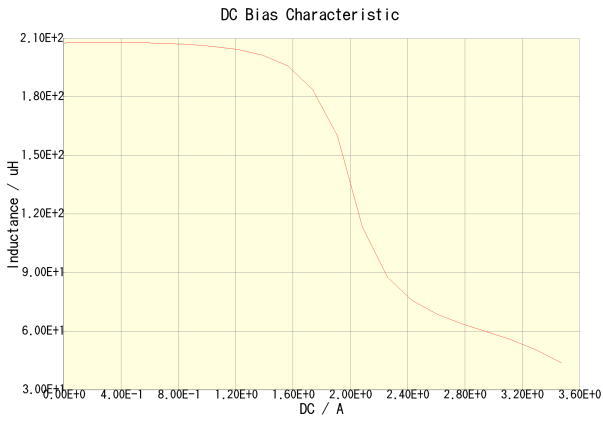


**SLF12565T-221M1R0-PF**

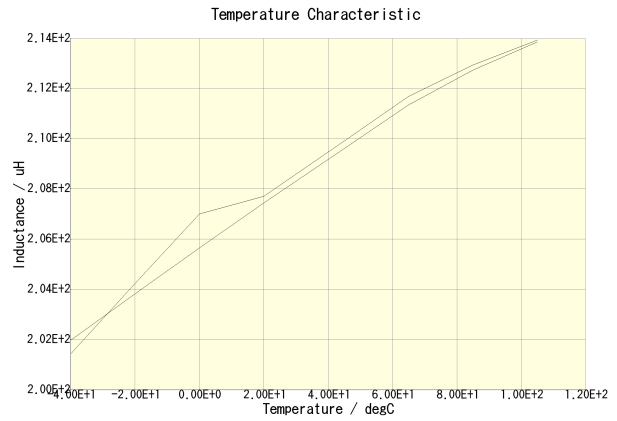
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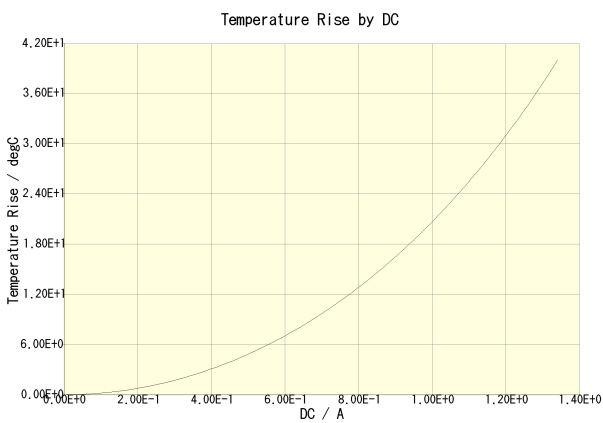
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SLF12565T-221M1R0-PF(Amb. Temp. = 20degc)



SLF12565T-221M1R0-PF(DC = 0A) SLF12565T-221M1R0-PF(DC = 0.5A)



SLF12565T-221M1R0-PF(Amb. Temp. = 20degc)

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