





SPM6530T-R47M170

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		Metal Core
Series	SPM Series / SPM6530 Type	
Status	Production	



Size	
Length(L)	7.10mm +/-0.30mm
Width(W)	6.50mm +/-0.30mm
Thickness(T)	3.00mm Max.
Recommended Land Pattern (A)	1.85mm Nom.
Recommended Land Pattern (B)	3.70mm Nom.
Recommended Land Pattern (C)	3.40mm Nom.

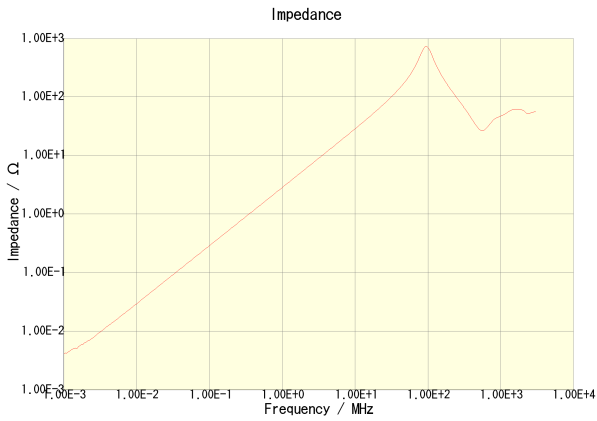
Electrical Characteristics	
Inductance	470nH +/-20% at 100kHz
Rated Current (L Change) [Typ.]	20.5A (20% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	20A (40degC Rise)
DC Resistance [Nom.]	3.3mΩ
DC Resistance [Max.]	3.63mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.656g

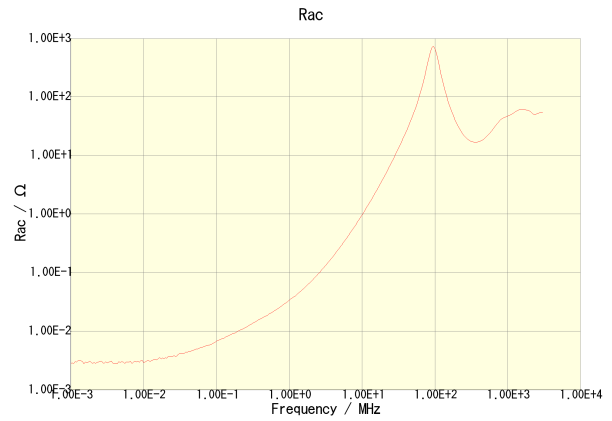
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 •All specifications are subject to change without notice.

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



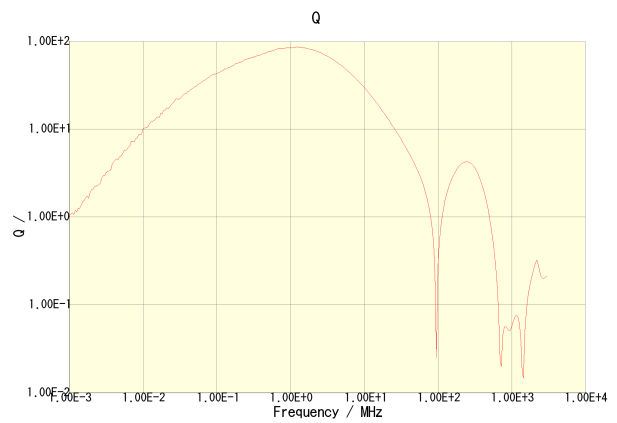
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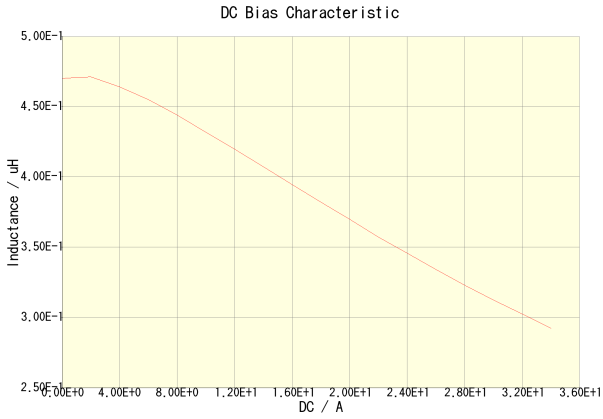


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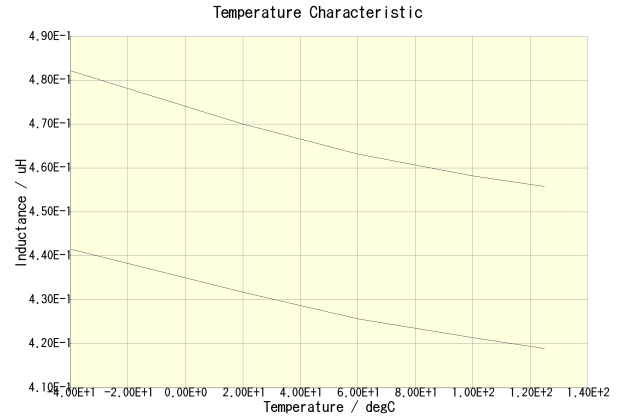
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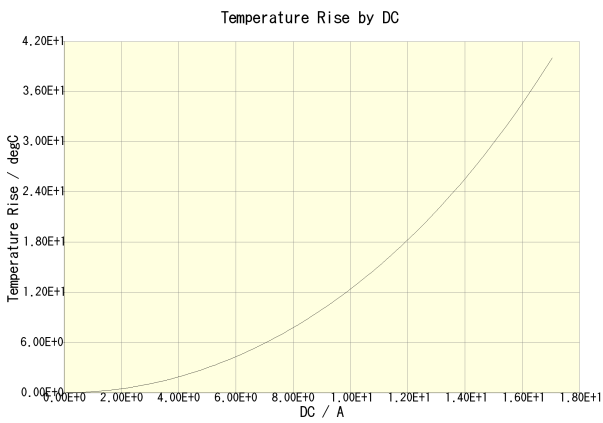


SPM6530T-R47M170(Amb. Temp. = 20degc)



SPM6530T-R47M170(DC = 0A)

SPM6530T-R47M170(DC = 10A)



SPM6530T-R47M170(Amb. Temp. = 20degc)

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