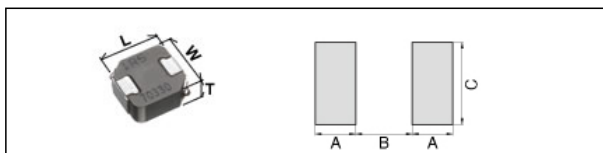


SPM6530T-1R5M100

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



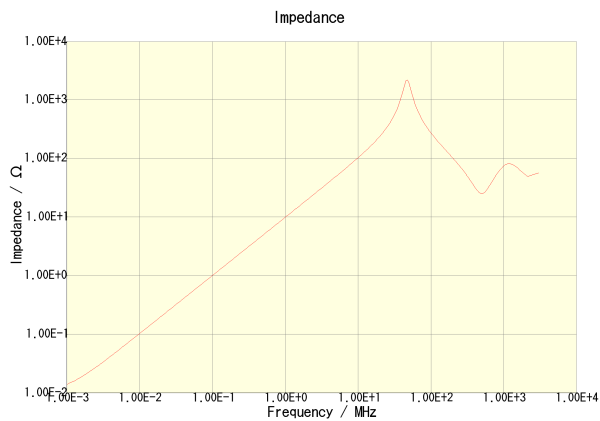
Size	
Length(L)	7.10mm +/-0.30mm
Width(W)	6.50mm +/-0.30mm
Thickness(T)	3.00mm Max.
Recommended Land Pattern (A)	1.85mm Nom.
Recommended Land Pattern (B)	3.70mm Nom.
Recommended Land Pattern (C)	3.40mm Nom.

Electrical Characteristics	
Inductance	1.5uH +/-20% at 100kHz
Rated Current (L Change) [Typ.]	11.5A (20% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	11A (40degC Rise)
DC Resistance [Nom.]	9.7mΩ
DC Resistance [Max.]	10.67mΩ

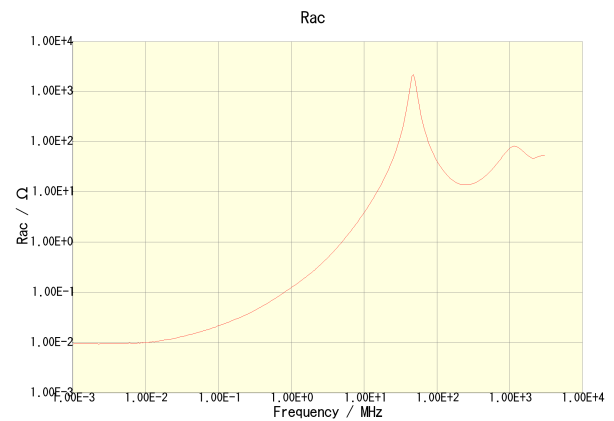
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.656g

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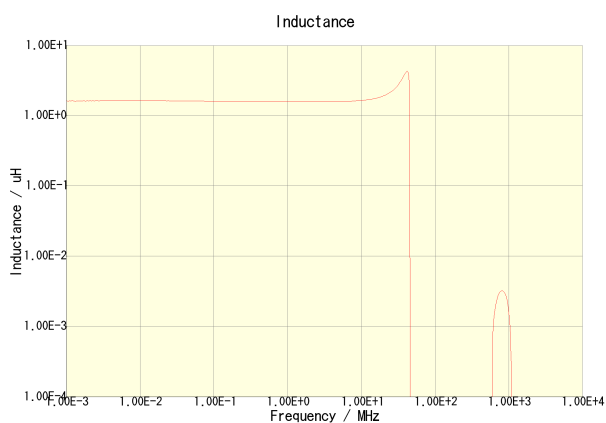
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



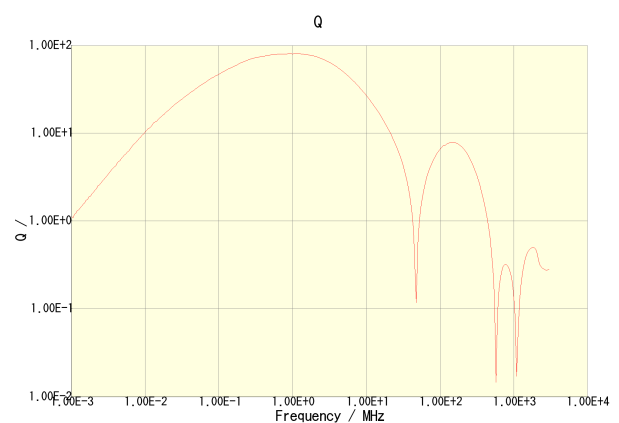
SPM6530T-1R5M100



SPM6530T-1R5M100



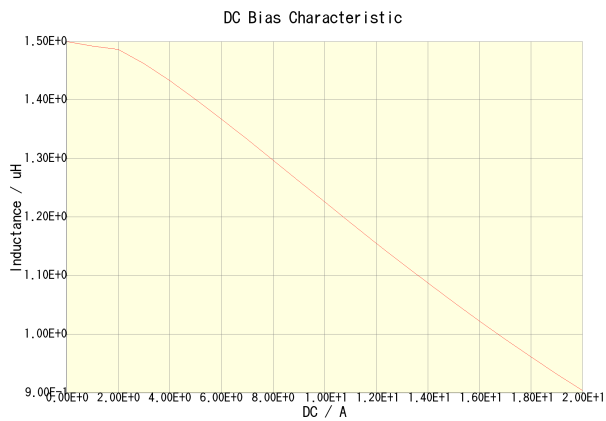
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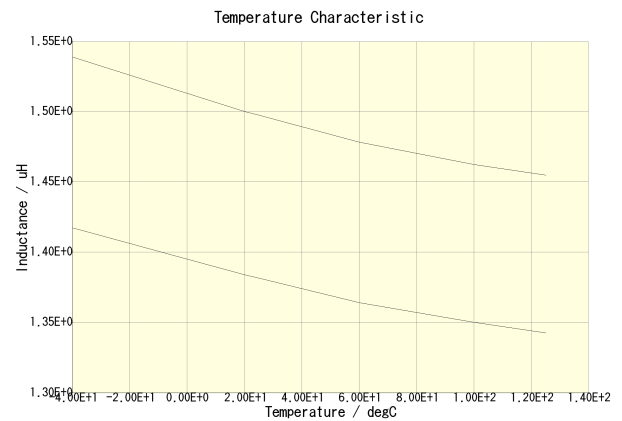
SPM6530T-1R5M100

SPM6530T-1R5M100

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

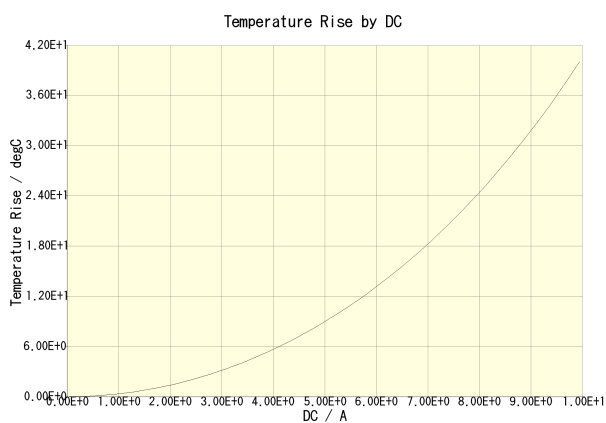


SPM6530T-1R5M100(Amb. Temp. = 20degC)



SPM6530T-1R5M100(DC = 0A)

SPM6530T-1R5M100(DC = 5.5A)



SPM6530T-1R5M100(Amb. Temp. = 20degC)