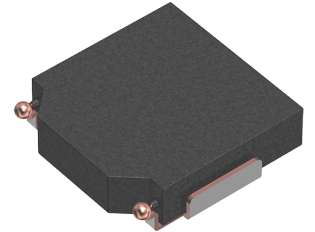


SPM4012T-1R5M



<b>Applications</b>	Commercial Grade
<b>Feature</b>	<span style="border: 1px solid green; padding: 2px;">Shield</span> Magnetic Shield <span style="border: 1px solid red; padding: 2px;">Wire Wound</span> Wire Wound <span style="border: 1px solid gray; padding: 2px;">Metal Core</span> Metal Core
<b>Series   Type</b>	SPM
<b>Status</b>	Production (Not Recommended for New Design) Recommended Alternate Part No. : <a href="#">SPM4012T-1R5M-LR</a> (Interchangeability is not guaranteed.)
<b>Brand</b>	TDK



Size	
Length(L)	4.40mm ±0.20mm
Width(W)	4.10mm ±0.20mm
Thickness   Height	1.20mm Max.
Recommended Land Pattern (A)	1.65mm Nom.
Recommended Land Pattern (B)	1.65mm Nom.
Recommended Land Pattern (C)	2.30mm Nom.

Electrical Characteristics	
Inductance	1.5µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	4.9A (30% Down)
Rated Current (L Change) [Max.]	3.7A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.5A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	59mΩ
DC Resistance [Max.]	67.9mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

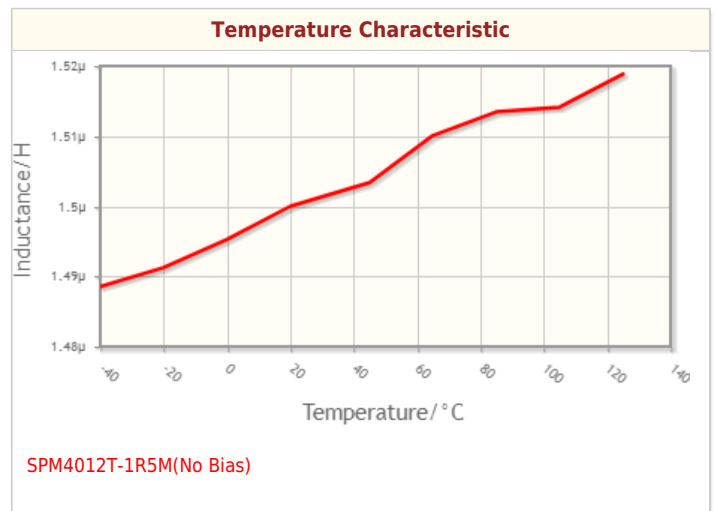
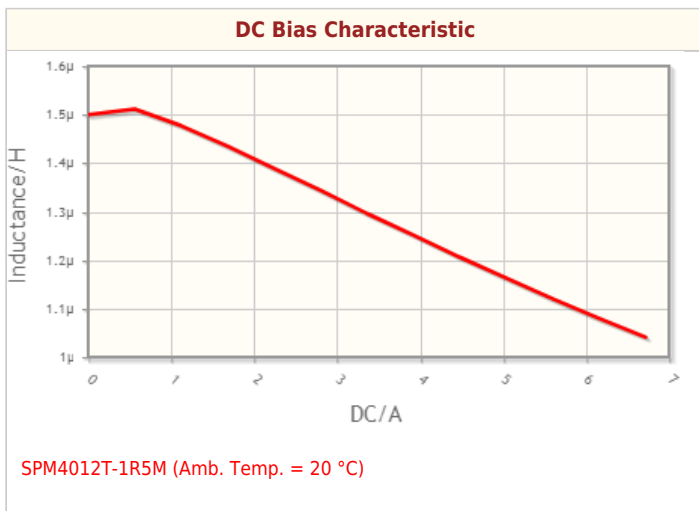
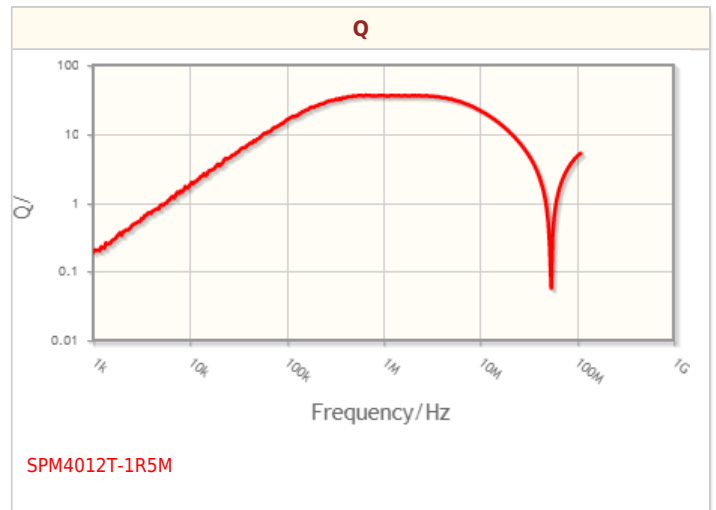
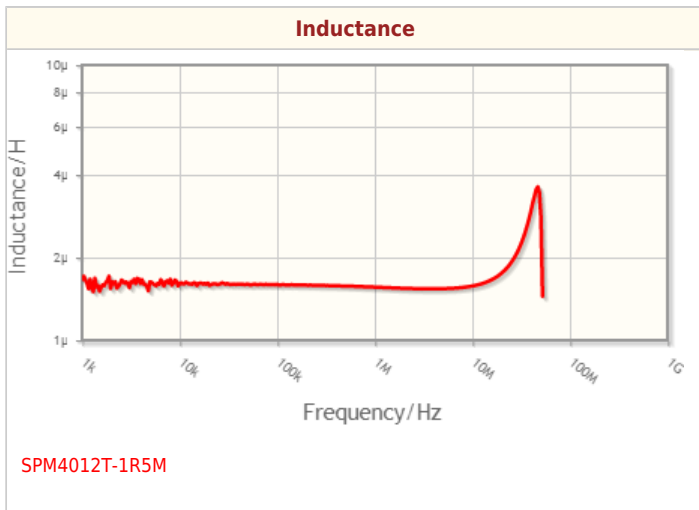
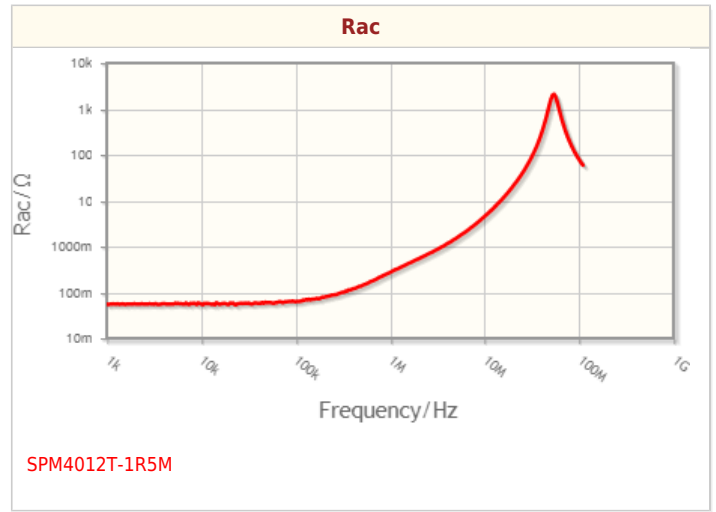
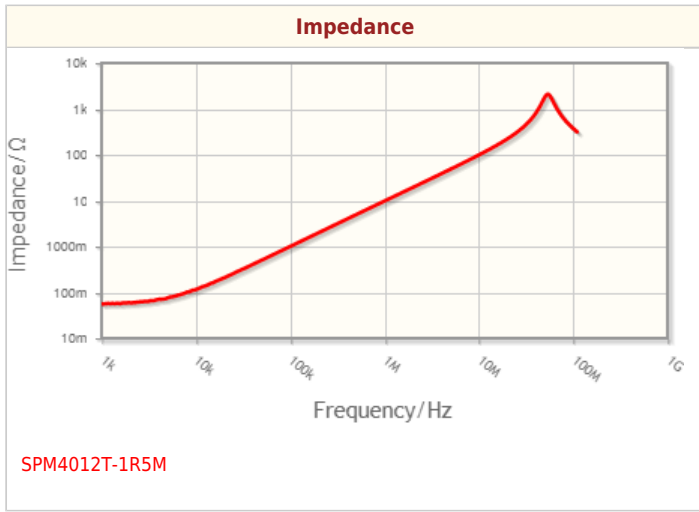
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs
Weight	0.0941g

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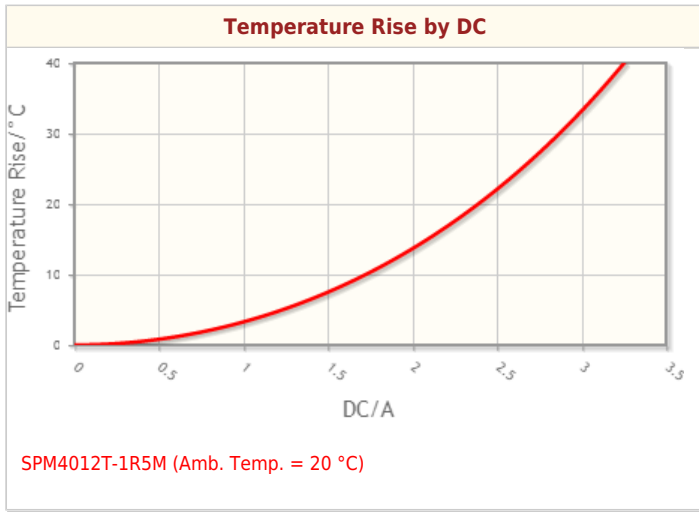
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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

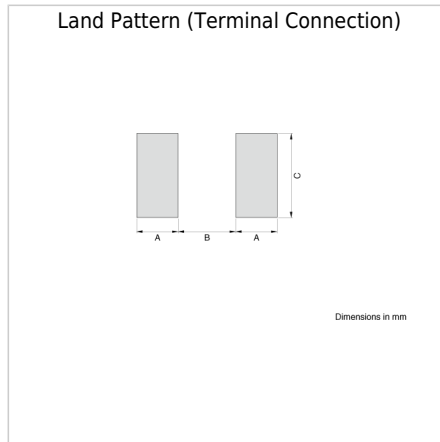
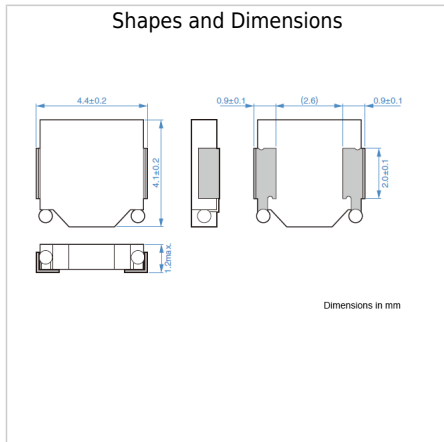


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## Associated Images



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