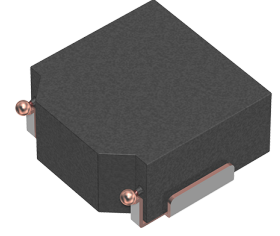


SPM4020T-3R3M



<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="#">SPM4020T-3R3M-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	2.00mm Max.
Recommended Land Pattern (A)	1.65mm Nom.
Recommended Land Pattern (B)	1.65mm Nom.
Recommended Land Pattern (C)	2.30mm Nom.

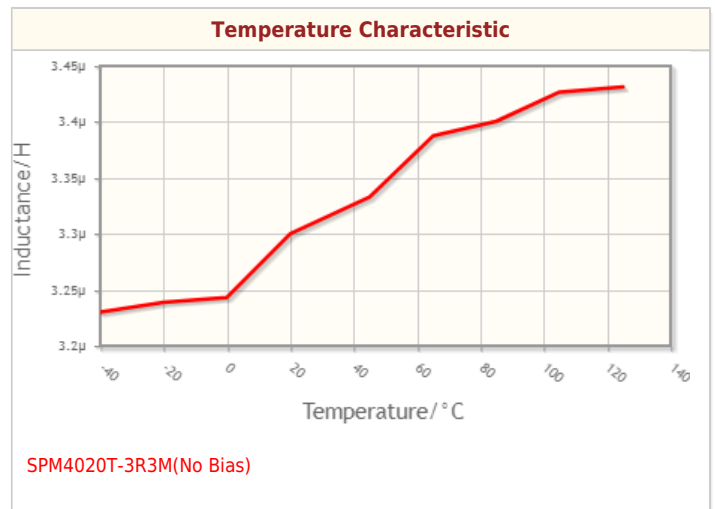
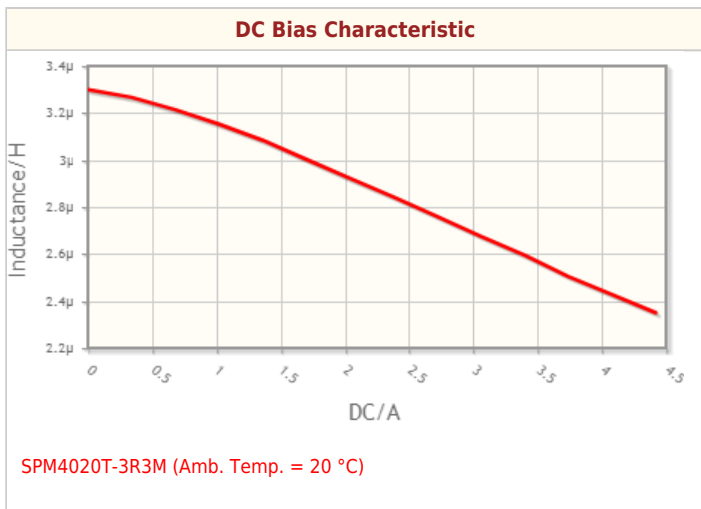
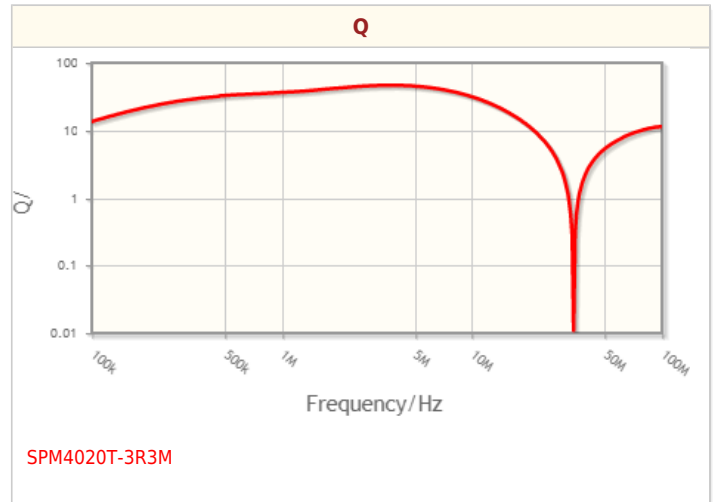
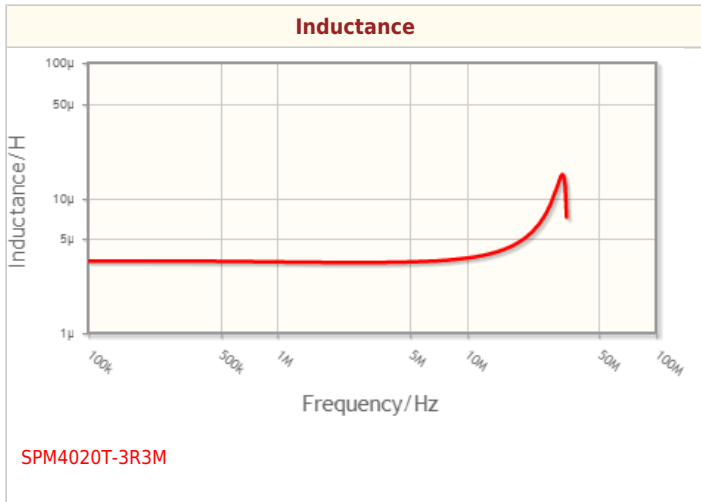
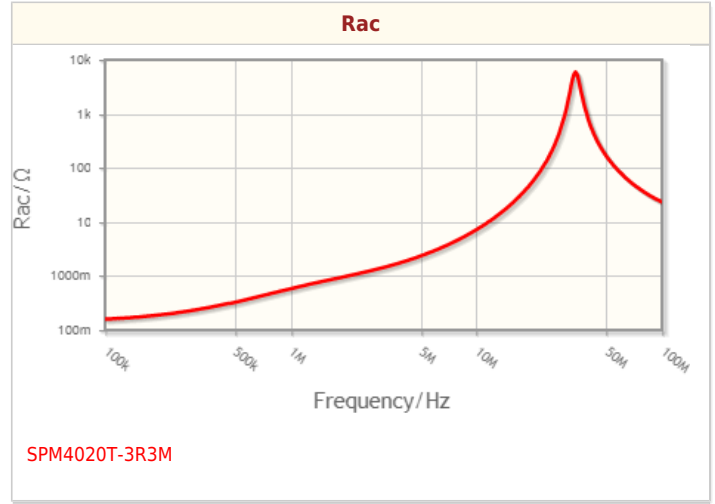
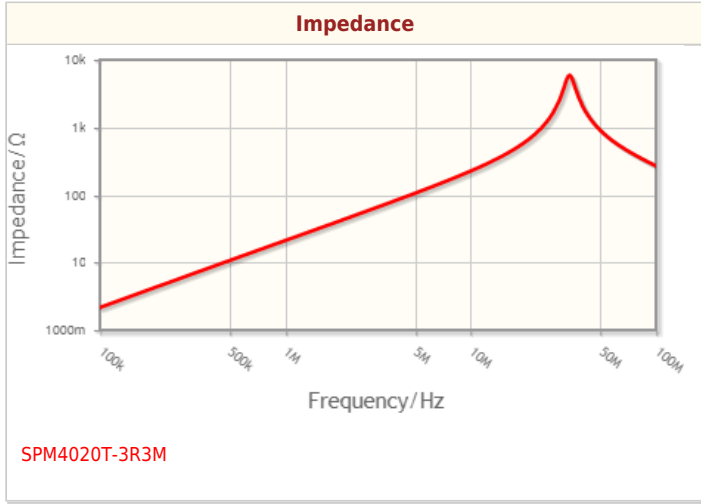
Electrical Characteristics	
Inductance	3.3μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	4.7A (30% Down)
Rated Current (L Change) [Max.]	3.5A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.6A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	72.1mΩ
DC Resistance [Max.]	79.3mΩ
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	500pcs
Weight	0.1784g

Images are for reference only and show exemplary products.  
 This PDF document was created based on the data listed on the TDK Corporation website.  
 All specifications are subject to change without notice.



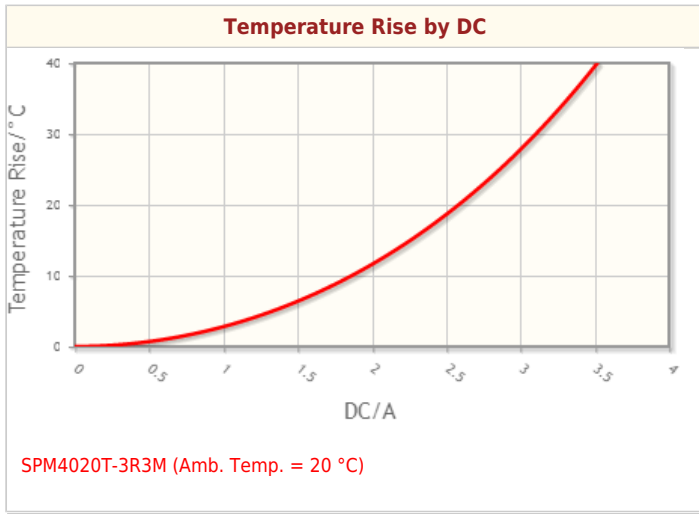
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



! Images are for reference only and show exemplary products.  
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! All specifications are subject to change without notice.



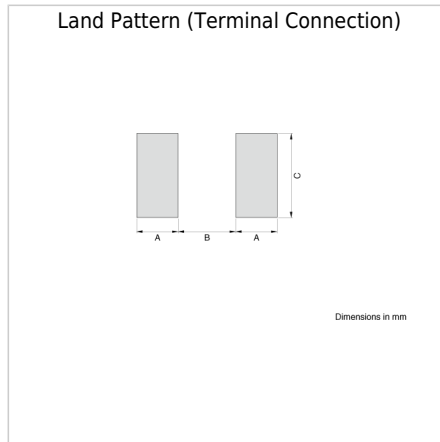
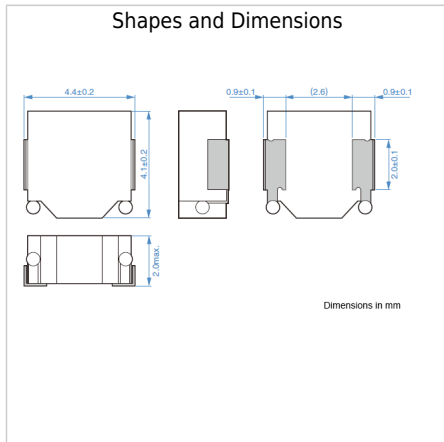
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images



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