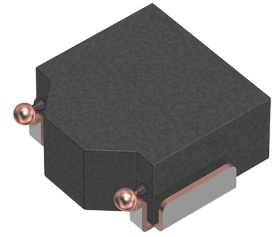


Applications	Commercial Grade
Feature	Wire Wound Wire Wound Shield Magnetic Shield Metal Core Metal Core
Series Type	SPM
Status	Production (Not Recommended for New Design) Recommended Alternate Part No. : SPM3015T-1R0M-LR (Interchangeability is not guaranteed.)
Brand	TDK



Size	
Length(L)	3.20mm ±0.10mm
Width(W)	3.00mm ±0.10mm
Thickness Height	1.50mm Max.
Recommended Land Pattern (A)	1.10mm Nom.
Recommended Land Pattern (B)	1.50mm Nom.
Recommended Land Pattern (C)	1.80mm Nom.

Electrical Characteristics	
Inductance	1µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	6.8A (30% Down)
Rated Current (L Change) [Max.]	5.1A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.5A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	48.1mΩ
DC Resistance [Max.]	52.9mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

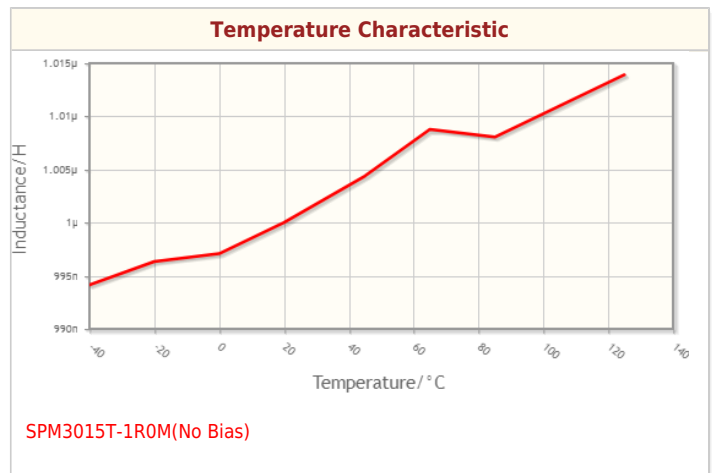
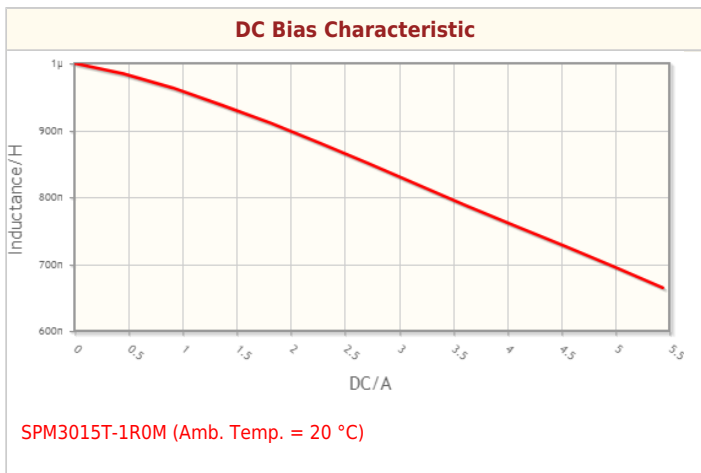
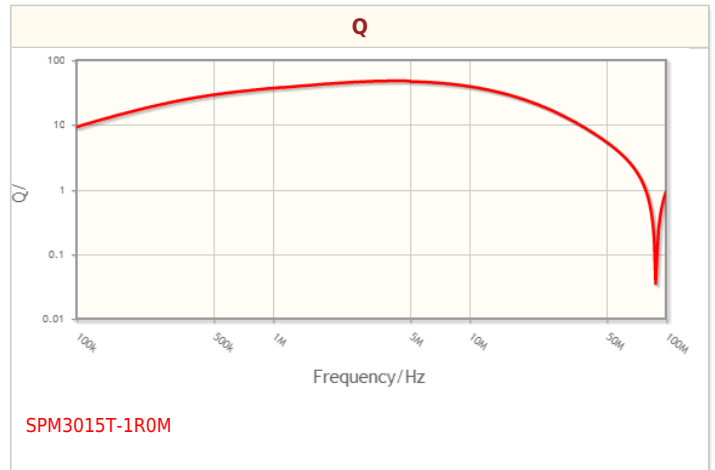
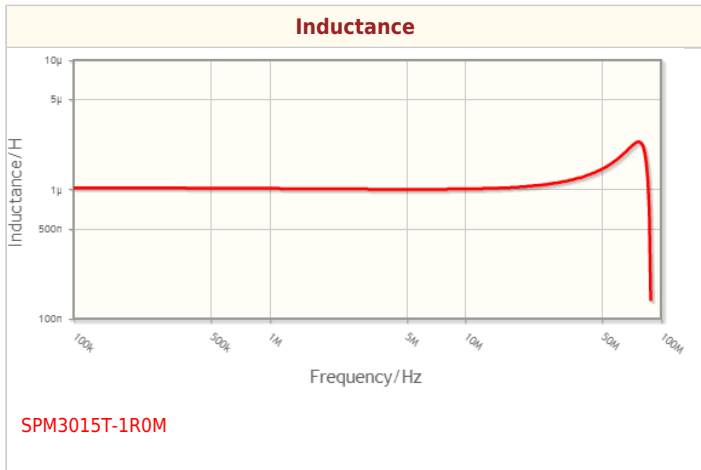
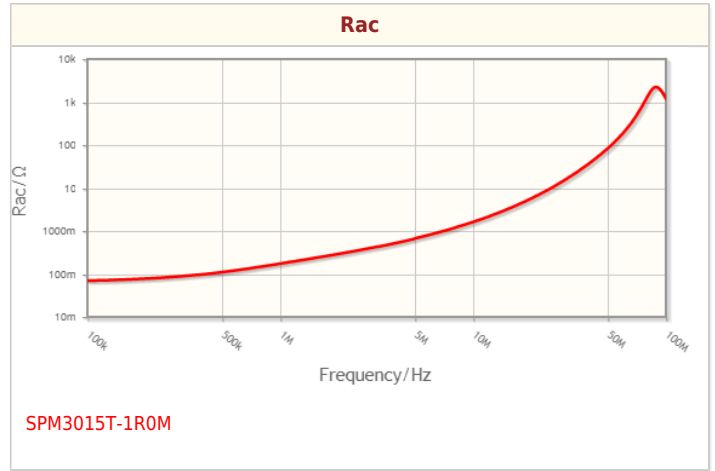
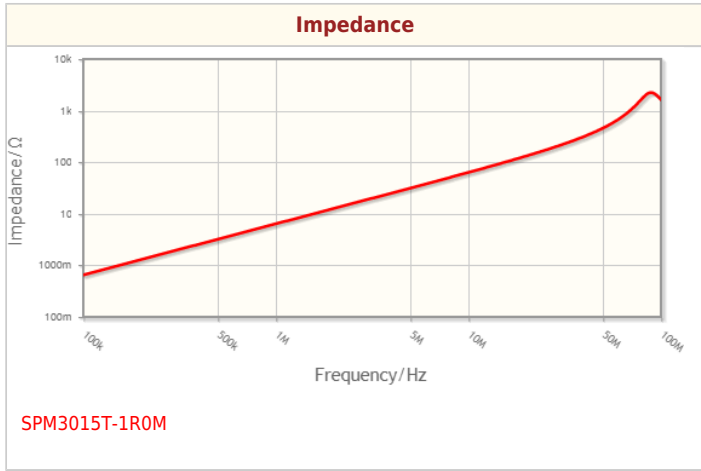
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel, Tape width 8mm]
Package Quantity	2000pcs
Weight	0.0661g

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

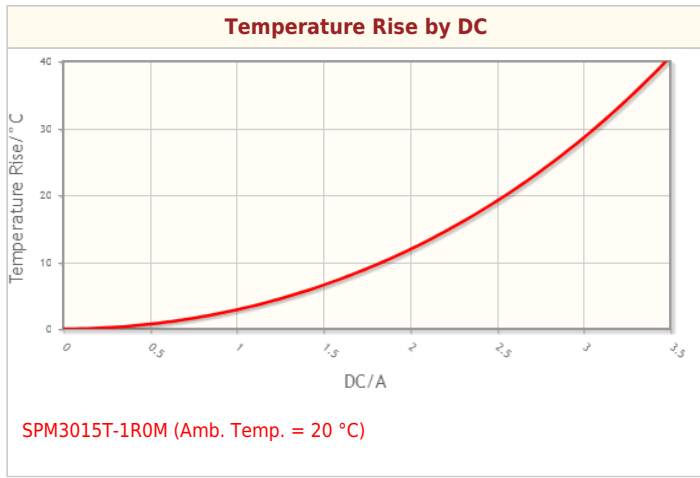
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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