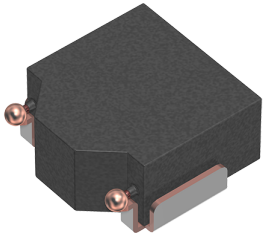


Product Status	Obsolete
	Recommended Alternate Part No. : SPM3015T-1R0M-LR (Interchangeability is not guaranteed.)
	Discontinue Issue Date : Jun.3, 2022
	Last Purchase Order Date : Sep.30, 2023
	Last Shipment Date : Mar.31, 2024
Applications	Commercial Grade
Feature	Wire WoundWire Wound
	ShieldMagnetic Shield
	Metal CoreMetal Core
Series Type	SPM
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free



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
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

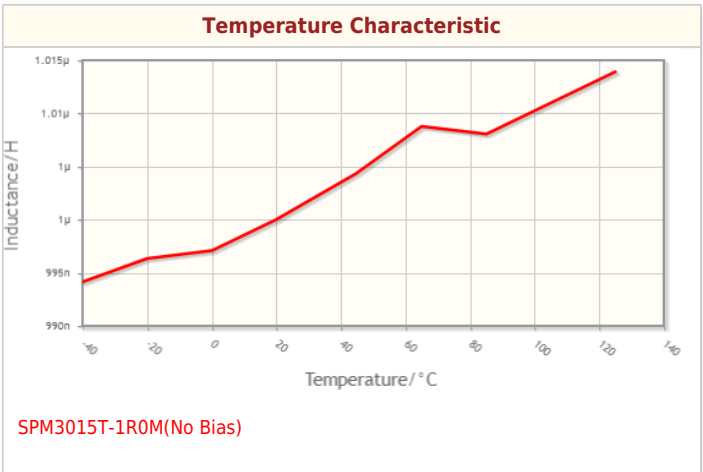
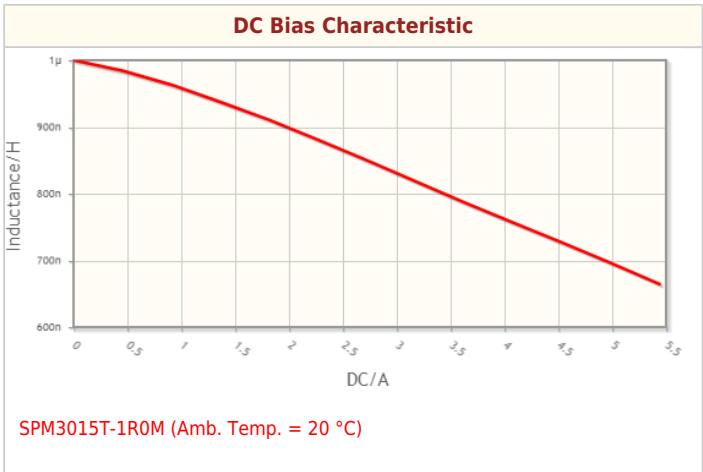
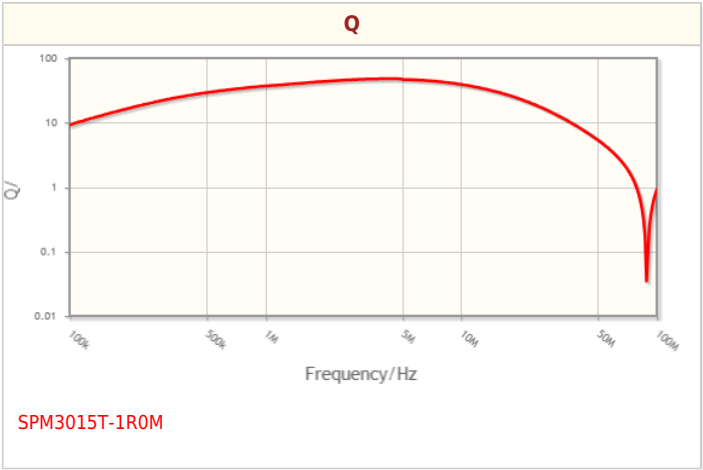
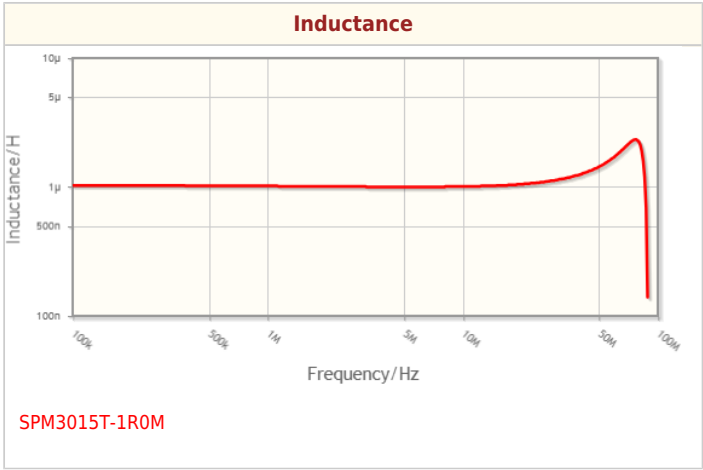
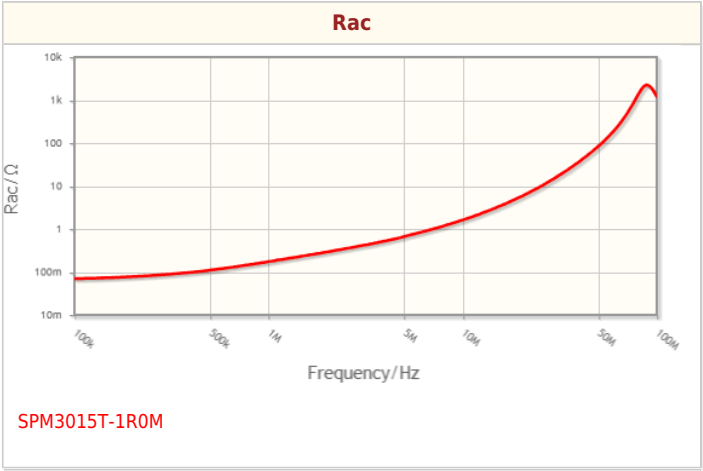
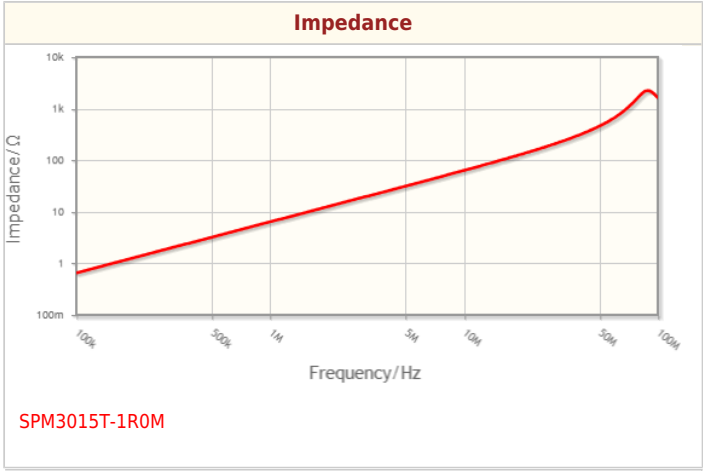
Other	
Operating Temp. Range	-40 to 125°C (Including Self-Temp. Rise)

! 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.

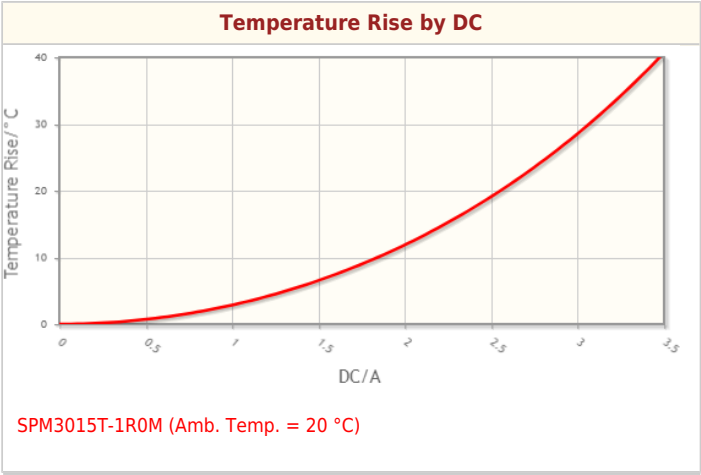
SPM3015T-1R0M

Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel, Tape width 8mm]
Package Quantity	2000pcs
Weight	0.0661g

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



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



Associated Images

