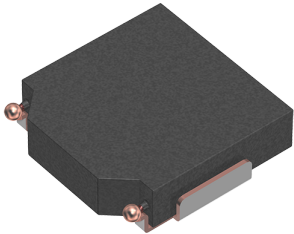


Product Status	Obsolete
	Recommended Alternate Part No. : SPM4012T-2R2M-LR (Interchangeability is not guaranteed.)
	Discontinue Issue Date : Jun.3, 2022
	Last Purchase Order Date : Sep.30, 2023
	Last Shipment Date : Mar.31, 2024
Applications	Commercial Grade
Feature	Wire WoundWire Wound
	ShieldMagnetic Shield
	Metal CoreMetal Core
Series Type	SPM
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free



Size	
Length(L)	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	2.2μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	4.4A (30% Down)
Rated Current (L Change) [Max.]	3.3A (30% Down)
Rated Current (Temperature Rise) [Typ.]	2.9A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	82mΩ
DC Resistance [Max.]	94.3mΩ
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.

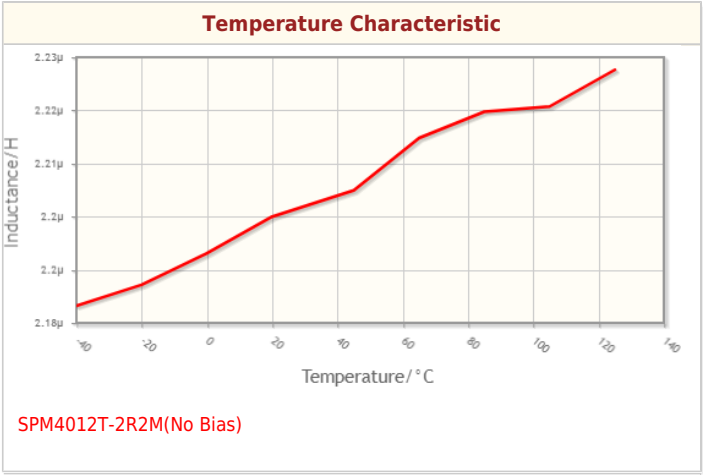
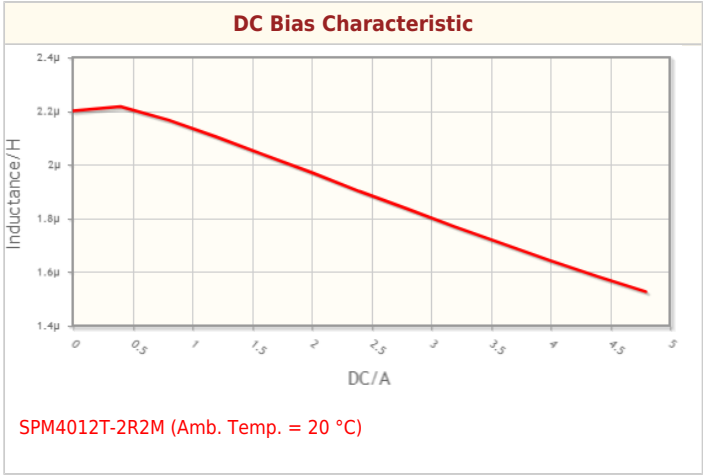
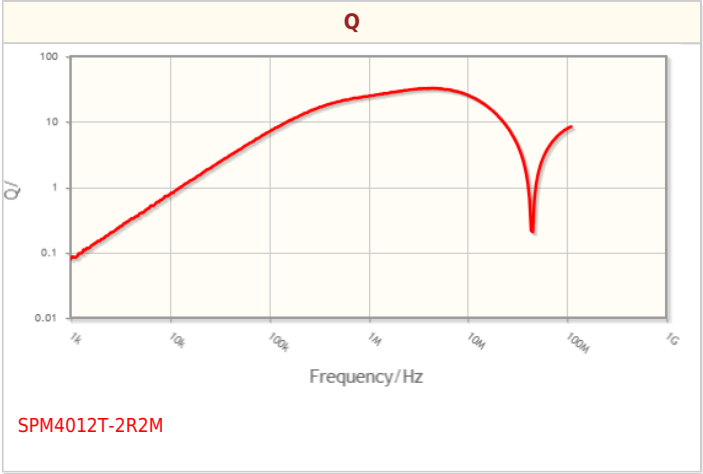
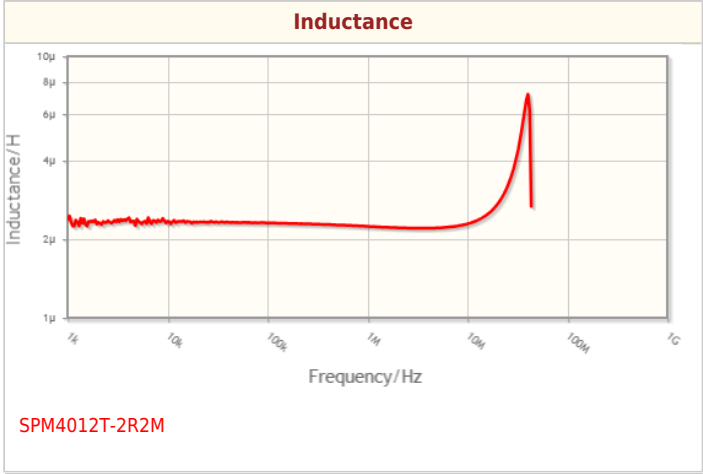
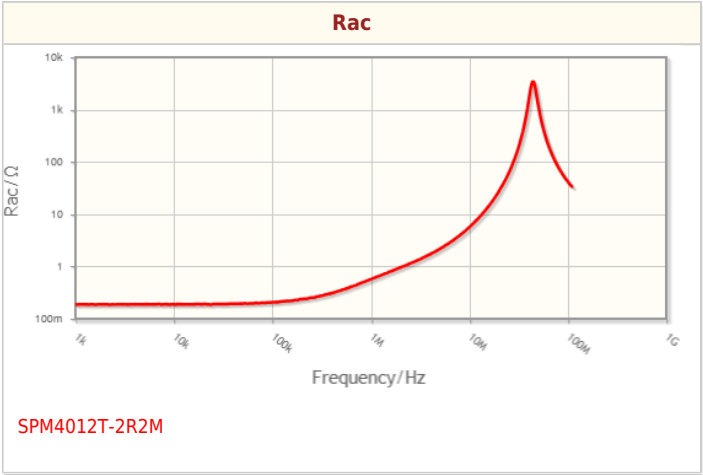
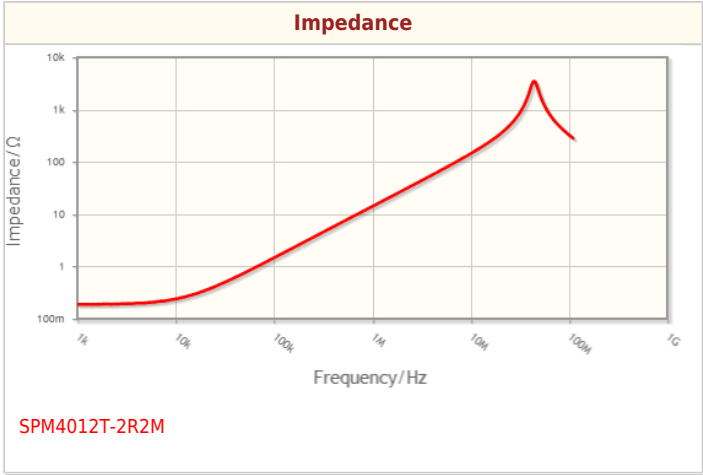
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

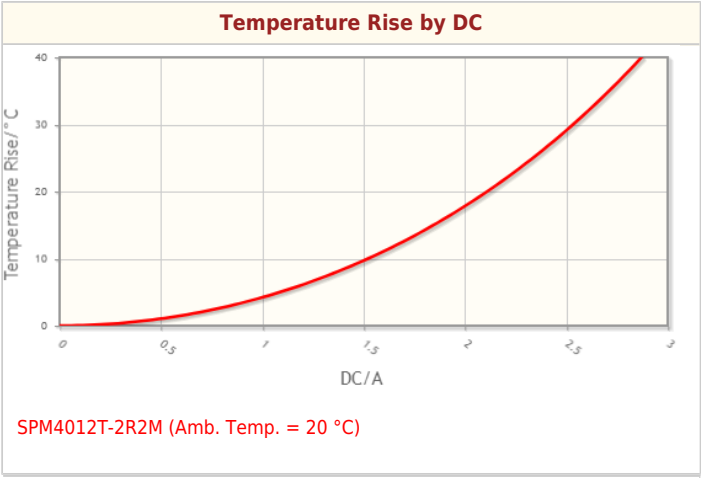
SPM4012T-2R2M

Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel, Tape width 12mm]
Package Quantity	1000pcs
Weight	0.0941g

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

