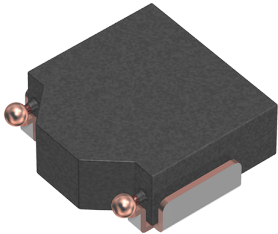


Product Status	Obsolete
	Recommended Alternate Part No. : <a href="#">SPM3012T-2R2M-LR</a> (Interchangeability is not guaranteed.)
	Discontinue Issue Date : Jun.3, 2022
	Last Purchase Order Date : Sep.30, 2023
	Last Shipment Date : Mar.31, 2024
Applications	Commercial Grade
Feature	Wire WoundWire Wound
	ShieldMagnetic Shield
	Metal CoreMetal Core
Series   Type	SPM
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>



Size	
Length(L)	3.20mm ±0.10mm
Width(W)	3.00mm ±0.10mm
Thickness   Height	1.20mm 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	2.2μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	3.3A (30% Down)
Rated Current (L Change) [Max.]	2.5A (30% Down)
Rated Current (Temperature Rise) [Typ.]	2.2A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	100mΩ
DC Resistance [Max.]	110mΩ
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)

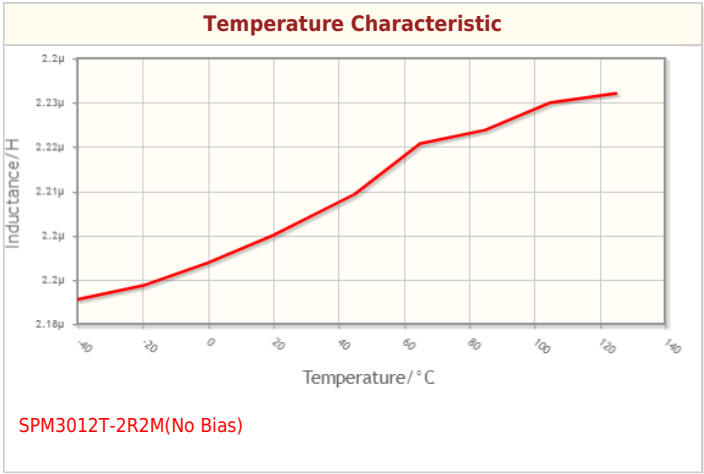
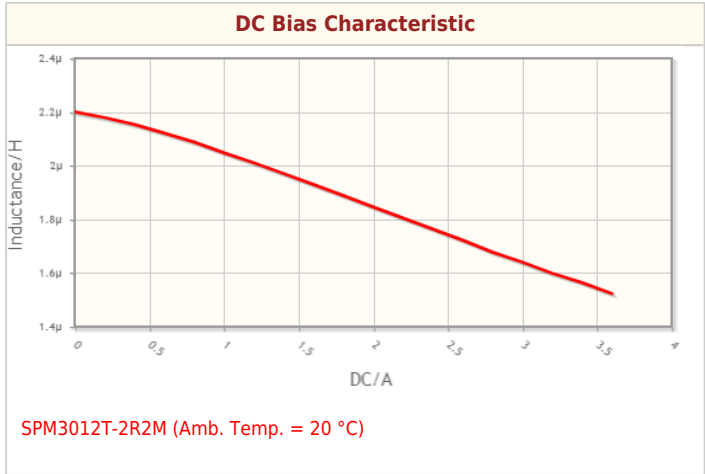
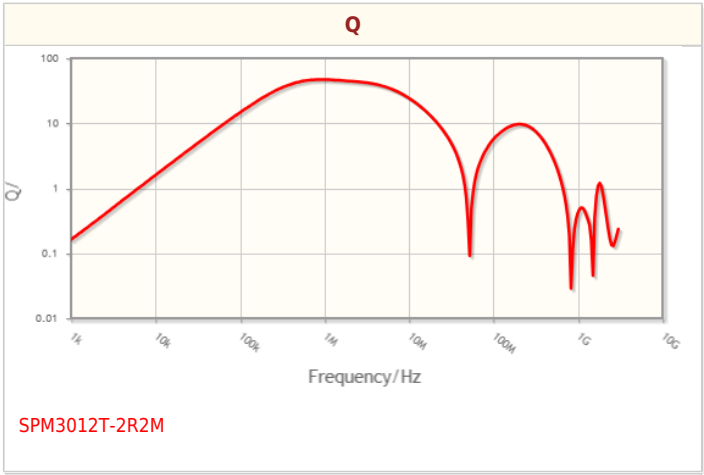
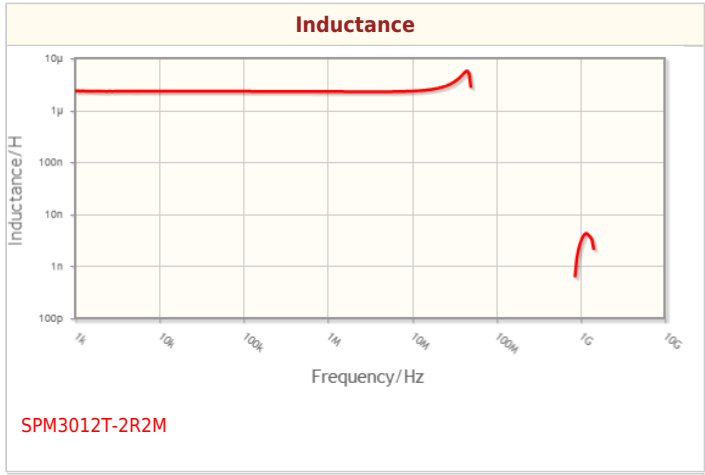
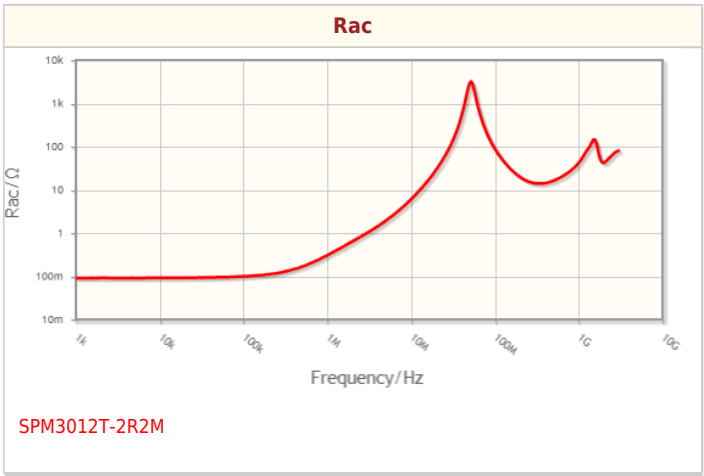
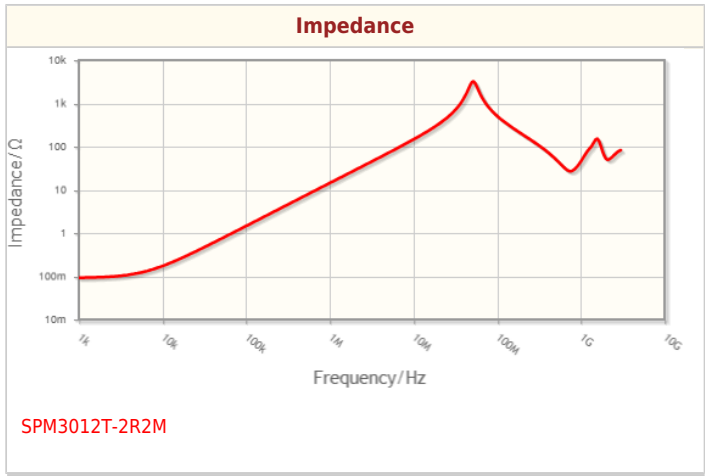
! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

SPM3012T-2R2M

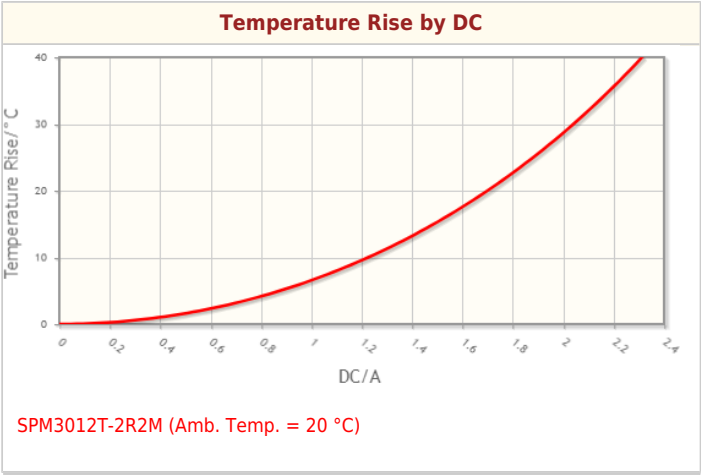
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel, Tape width 8mm]
Package Quantity	2000pcs
Weight	0.047g

SPM3012T-2R2M

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

