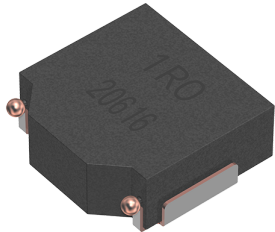


SPM5020T-3R3M



Applications	Commercial Grade
Feature	Wire Wound
	Magnetic Shield
	Metal Core
Series Type	SPM
Status	Obsolete
	Recommended Alternate Part No. : SPM5020T-3R3M-LR (Interchangeability is not guaranteed.)
	Discontinue Issue Date : Jun.3, 2022
	Last Purchase Order Date : Sep.30, 2023
	Last Shipment Date : Mar.31, 2024
Brand	TDK



Size	
Length(L)	5.40mm ±0.20mm
Width(W)	5.10mm ±0.20mm
Thickness Height	2.00mm Max.
Recommended Land Pattern (A)	1.40mm Nom.
Recommended Land Pattern (B)	3.00mm Nom.
Recommended Land Pattern (C)	2.50mm Nom.

Electrical Characteristics	
Inductance	3.3μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	7A (30% Down)
Rated Current (L Change) [Max.]	5.3A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.8A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	60.3mΩ
DC Resistance [Max.]	66.3mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

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

! 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.

SPM5020T-3R3M

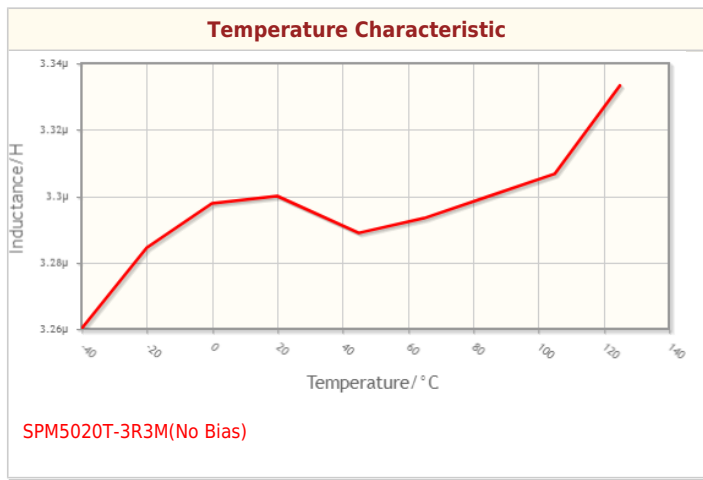
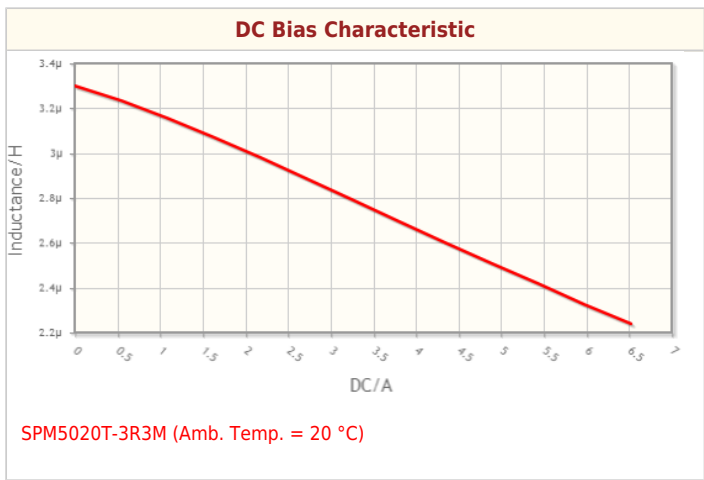
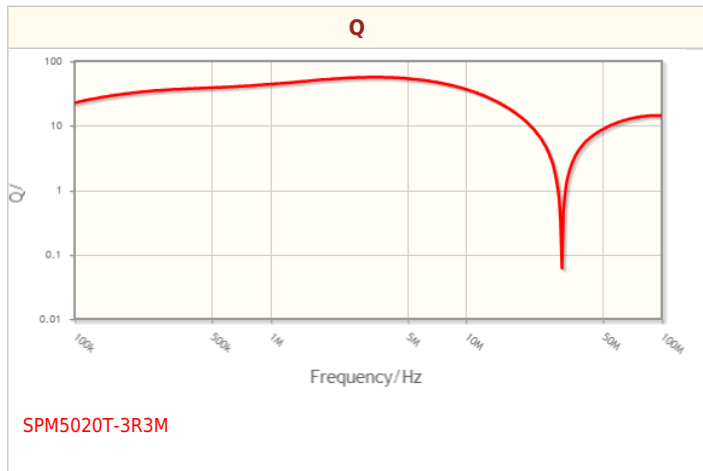
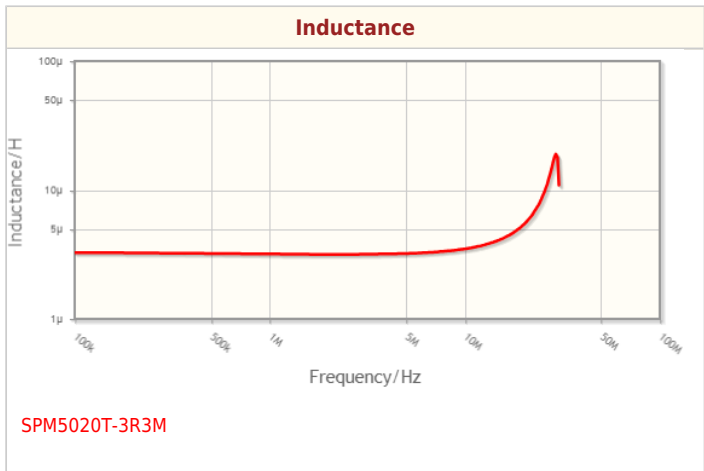
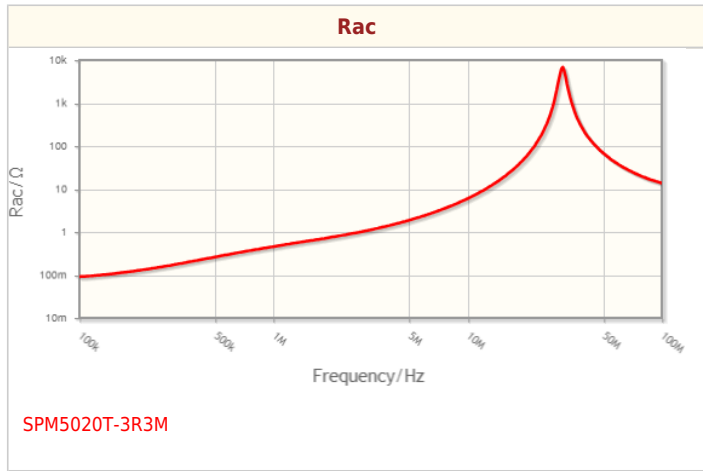
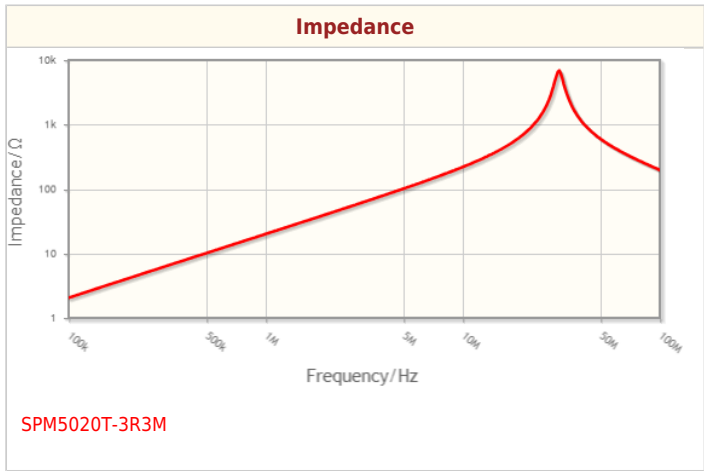


Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel, Tape width 12mm]
Package Quantity	500pcs
Weight	0.2632g

SPM5020T-3R3M

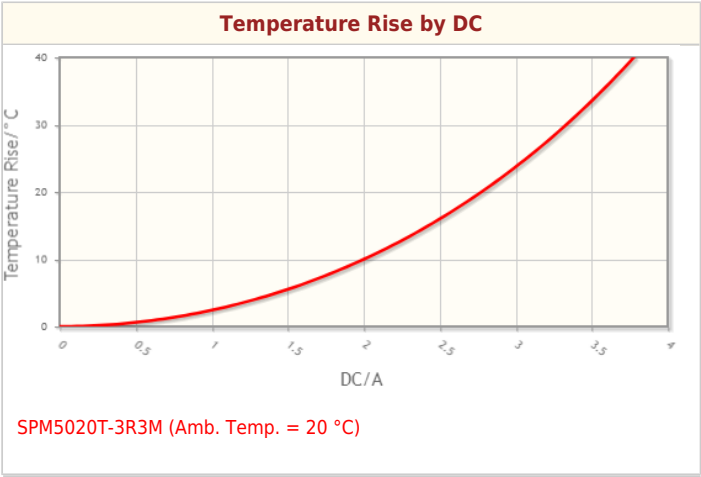


Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





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





Associated Images

