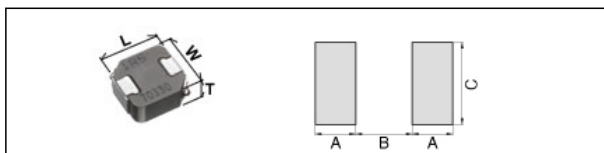


SPM5030T-R20M

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		Metal Core
Series	SPM Series / SPM5030 Type	
Status	Production	



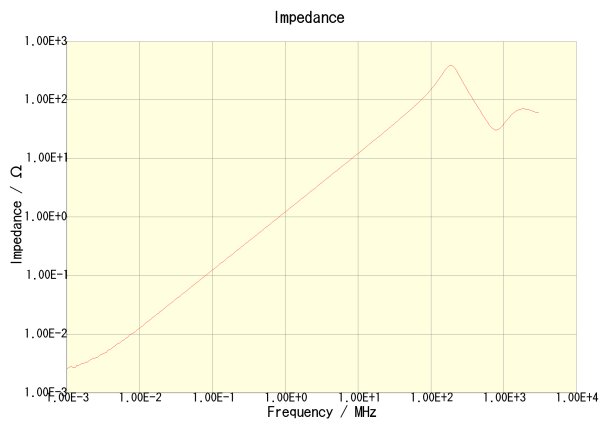
Size	
Length(L)	5.20mm +/-0.30mm
Width(W)	5.00mm +/-0.30mm
Thickness(T)	3.00mm Max.
Recommended Land Pattern (A)	1.50mm Nom.
Recommended Land Pattern (B)	2.70mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	200nH +/-20% at 100kHz
Rated Current (L Change) [Typ.]	21A (20% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	22.2A (40degC Rise)
DC Resistance [Nom.]	2.1mΩ
DC Resistance [Max.]	2.31mΩ

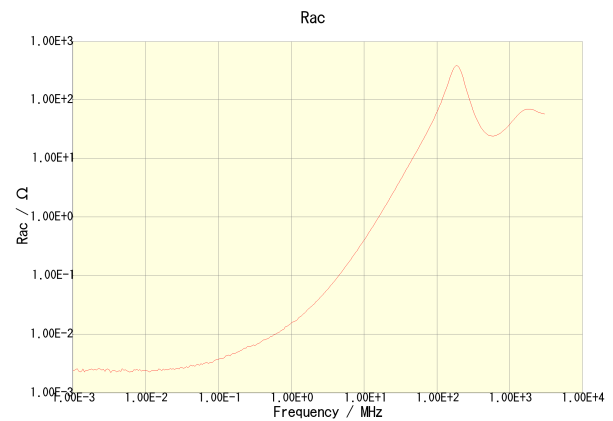
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	500Pcs Min.
Weight	0.36g

SPM5030T-R20M

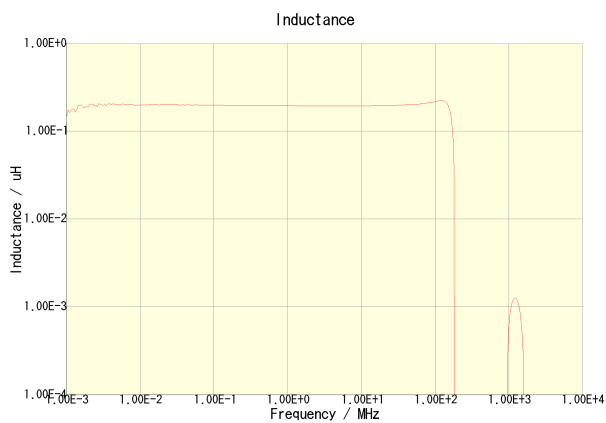
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



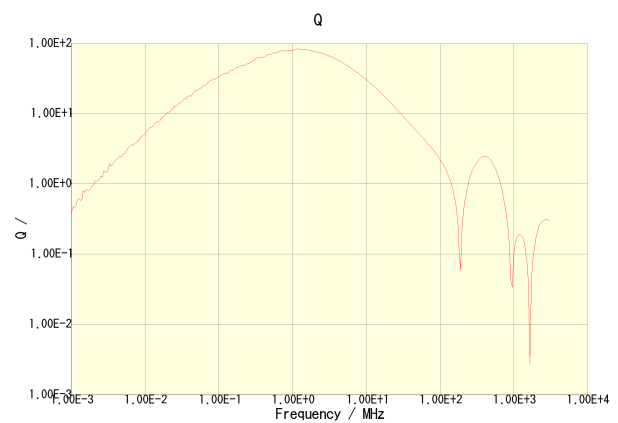
SPM5030T-R20M



SPM5030T-R20M



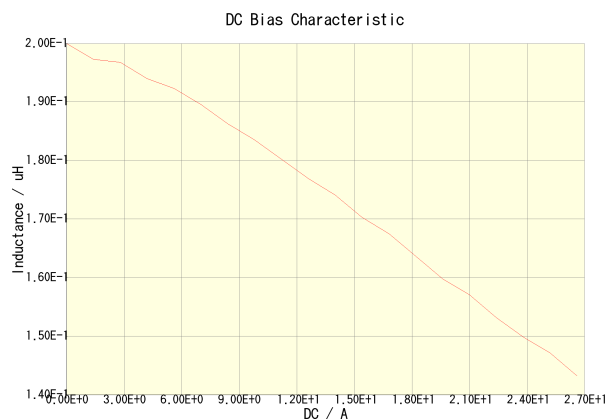
SPM5030T-R20M



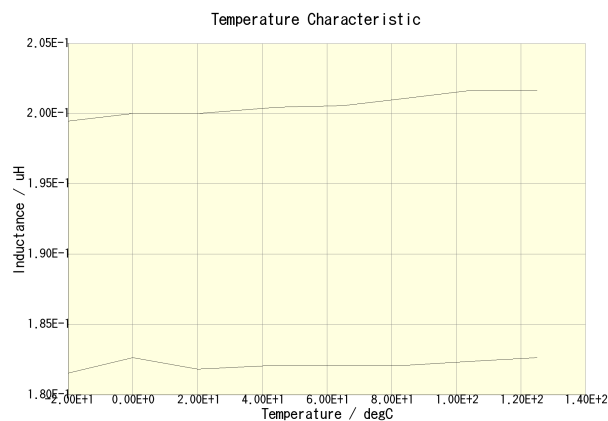
SPM5030T-R20M

SPM5030T-R20M

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

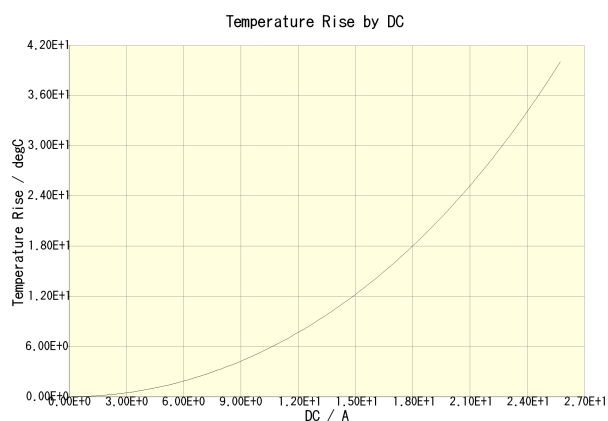


SPM5030T-R20M(Amb. Temp. = 20degC)



SPM5030T-R20M(DC = 0A)

SPM5030T-R20M(DC = 10.5A)



SPM5030T-R20M(Amb. Temp. = 20degC)