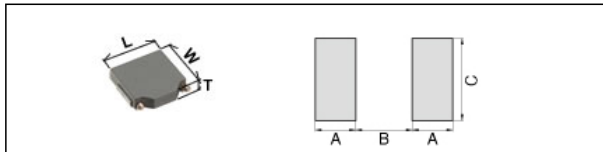


SPM4012T-2R2M

Applications		Commercial Grade
Feature	Wire Wound Shield Metal Core	Wire Wound Magnetic Shield Metal Core
Series	SPM Series / SPM4012 Type	
Status	Production	



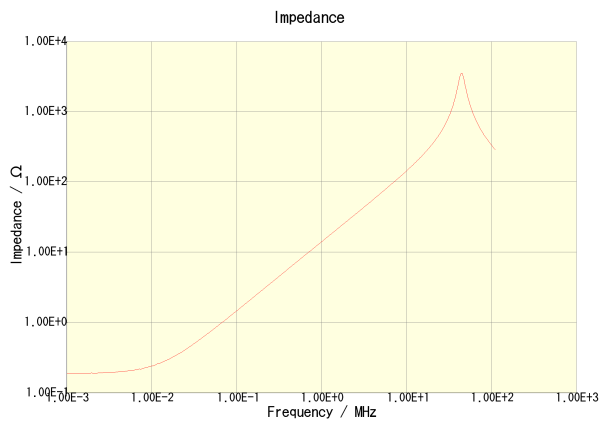
Size	
Length(L)	4.40mm +/-0.20mm
Width(W)	4.10mm +/-0.20mm
Thickness(T)	1.20mm Max.
Recommended Land Pattern (A)	1.65mm Nom.
Recommended Land Pattern (B)	1.65mm Nom.
Recommended Land Pattern (C)	2.30mm Nom.

Electrical Characteristics	
Inductance	2.2uH +/-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 (40degC Rise)
DC Resistance [Nom.]	82mΩ
DC Resistance [Max.]	94.3mΩ

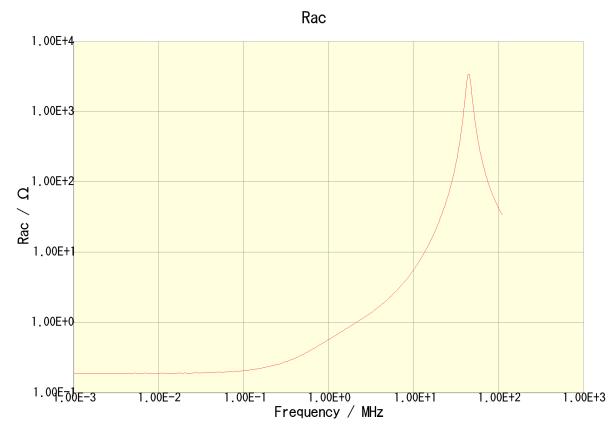
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.0941g

SPM4012T-2R2M

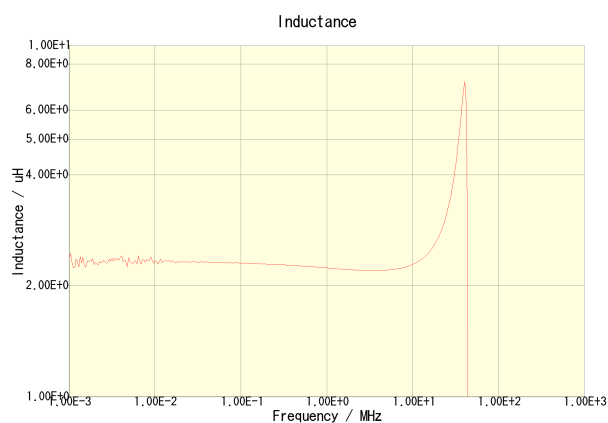
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



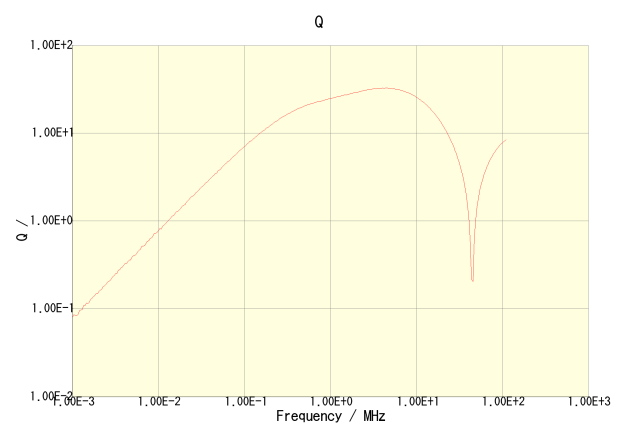
SPM4012T-2R2M



SPM4012T-2R2M



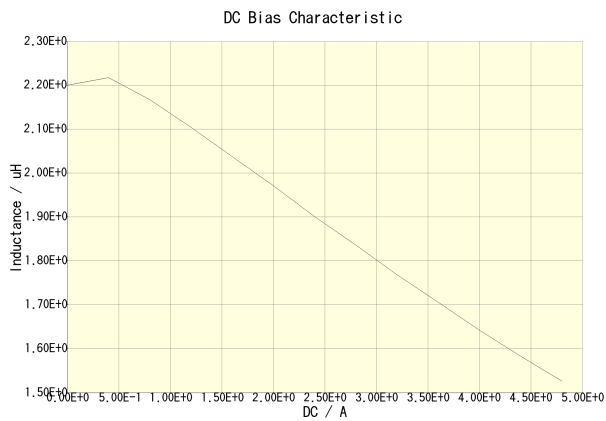
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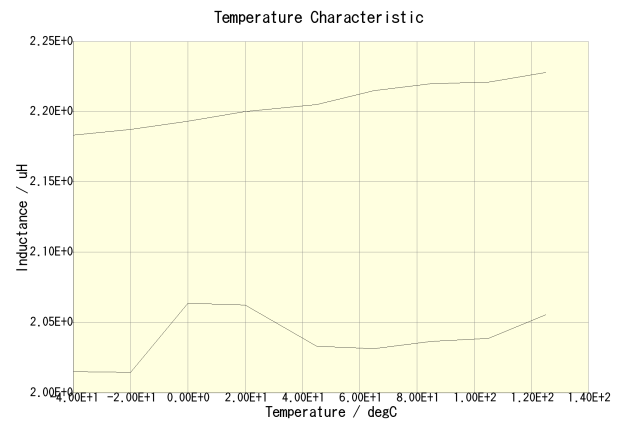
SPM4012T-2R2M

SPM4012T-2R2M

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

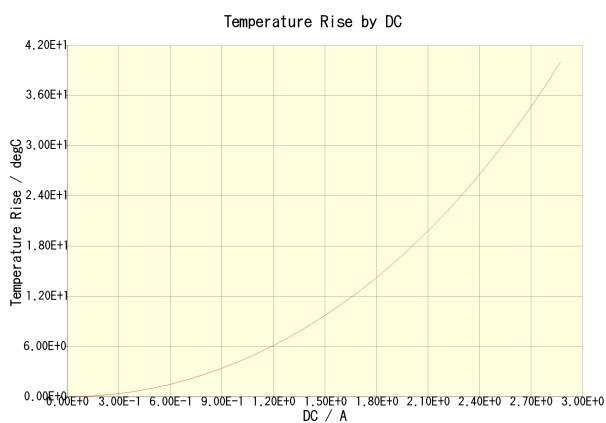


SPM4012T-2R2M(Amb. Temp. = 20degC)



SPM4012T-2R2M(DC = 0A)

SPM4012T-2R2M(DC = 1.45A)



SPM4012T-2R2M(Amb. Temp. = 20degC)