

SPM6530T-4R7M



Applications



Commercial Grade

Wire Wound

Wire Wound

Feature



Magnetic Shield

Metal Core

Metal Core

Series | Type

SPM

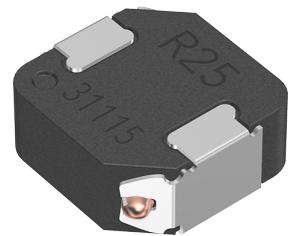
Status



Production

Brand

TDK



Size

Length(L)	7.10mm ± 0.30 mm
Width(W)	6.50mm ± 0.30 mm
Thickness Height	3.00mm Max.
Recommended Land Pattern (A)	1.85mm Nom.
Recommended Land Pattern (B)	3.70mm Nom.
Recommended Land Pattern (C)	3.40mm Nom.

Electrical Characteristics

Inductance	4.7 μ H $\pm 20\%$ at 100kHz
Rated Current (L Change) [Typ.]	6.2A (20% Down)
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	5.6A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	35.8m Ω
DC Resistance [Max.]	39.4m Ω
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)
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel, Tape width 16mm]
Package Quantity	1000pcs

! Images are for reference only and show exemplary products.

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Weight

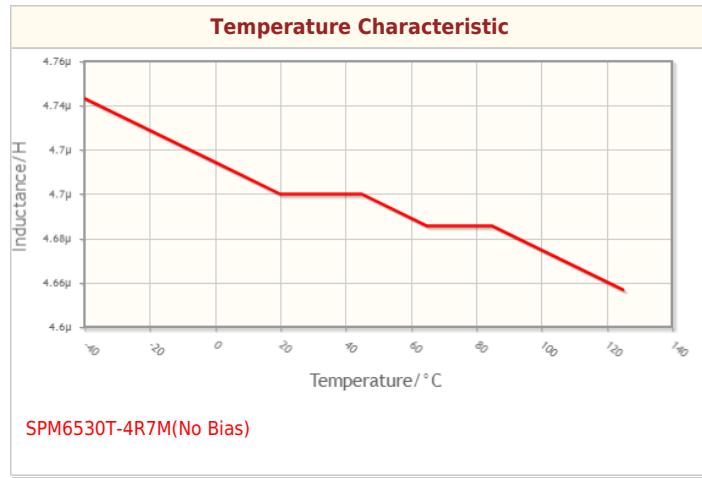
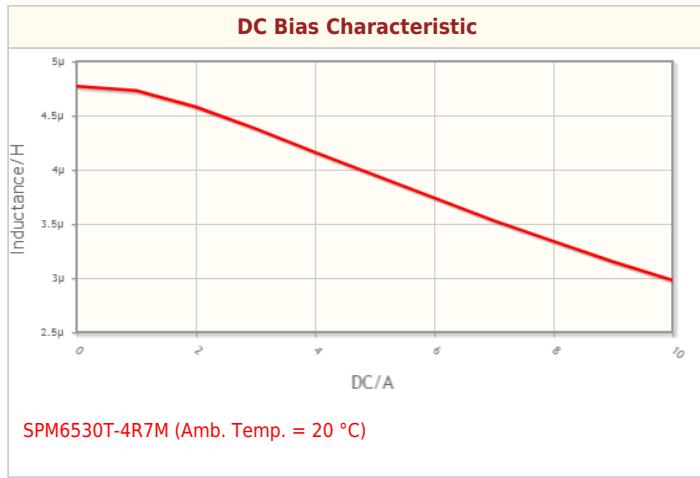
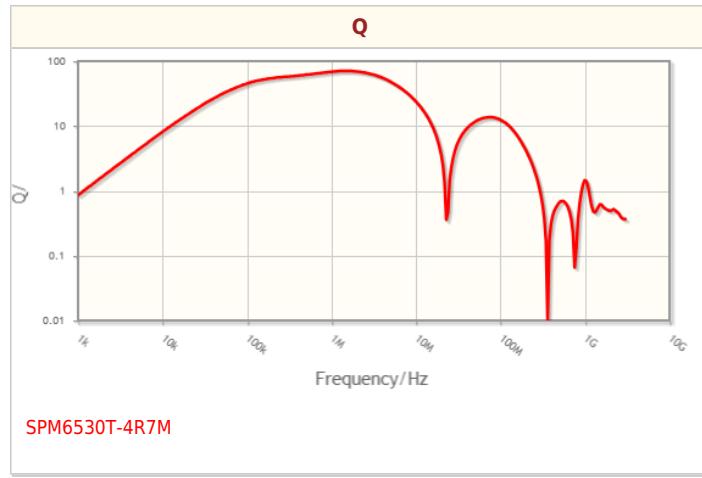
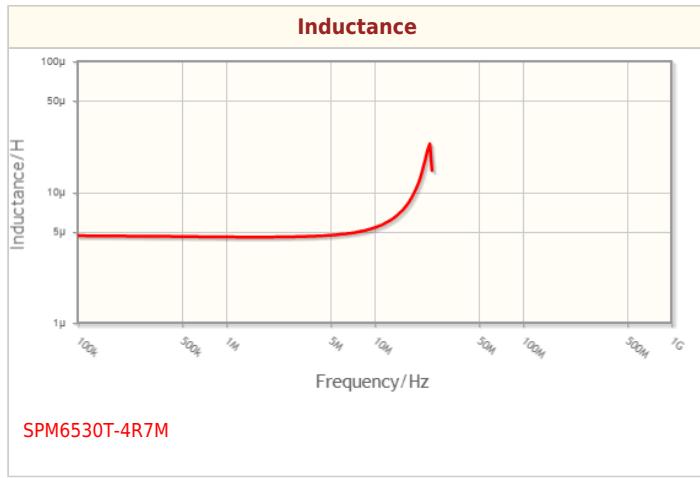
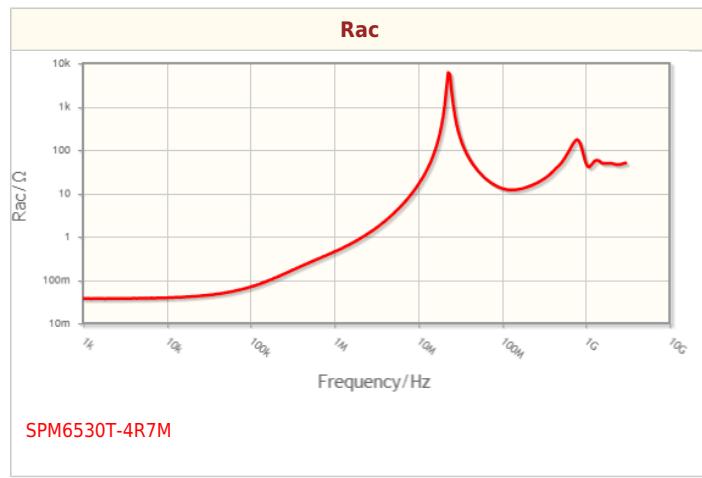
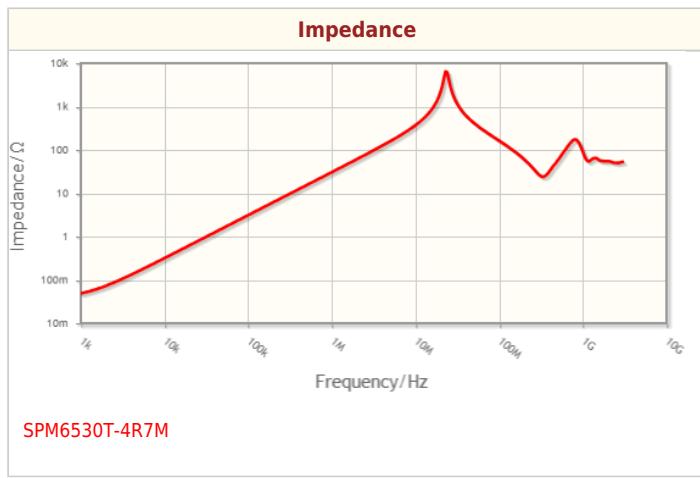
0.656g

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

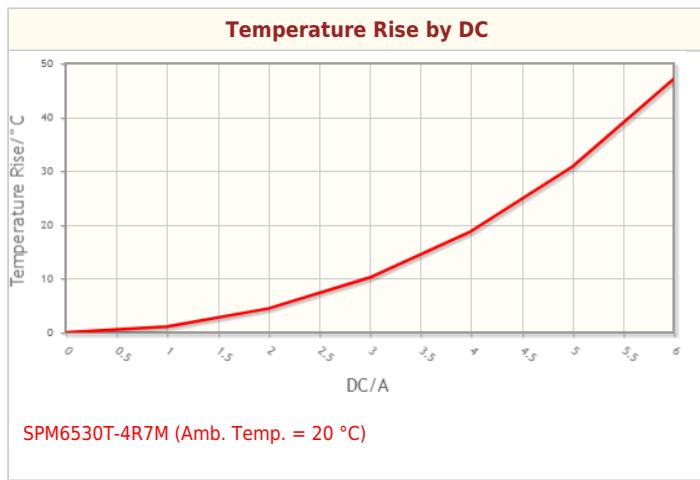


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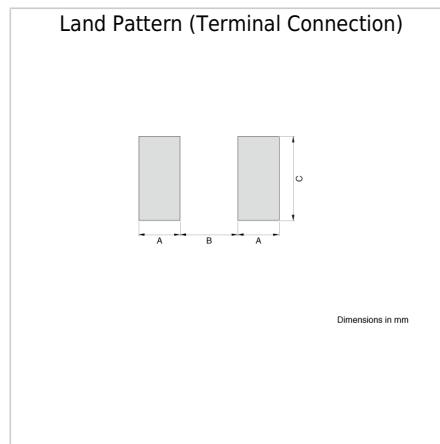
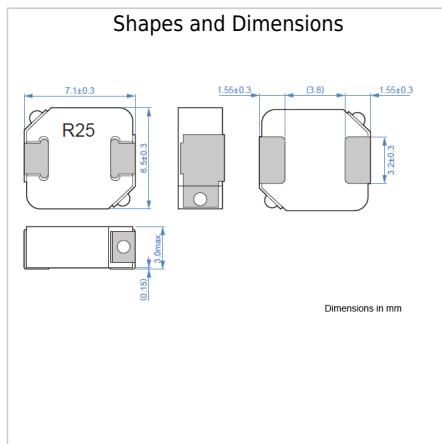


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Associated Images



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