

RLF7030T-4R7M3R4-T



<b>Applications</b>	Automotive Grade
<b>Feature</b>	Magnetic Shield
	Wire Wound
	Ferrite Core
	AEC-Q200
<b>Series   Type</b>	RLF-T
<b>Status</b>	Production
<b>Brand</b>	TDK



Size	
Length(L)	7.30mm Max.
Width(W)	6.80mm ±0.10mm
Thickness   Height	3.20mm Max.
Recommended Land Pattern (A)	2.00mm Nom.
Recommended Land Pattern (B)	3.90mm Nom.
Recommended Land Pattern (C)	2.20mm Nom.

Electrical Characteristics	
Inductance	4.7μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	3.5A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.4A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	26mΩ
DC Resistance [Max.]	31.2mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	1000pcs

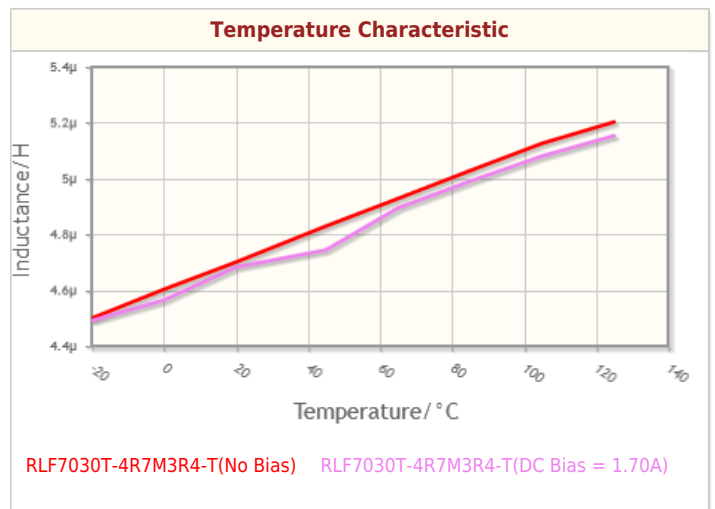
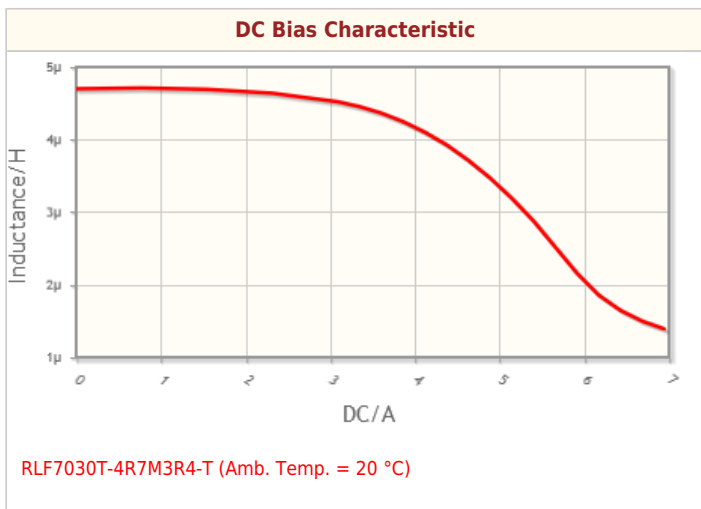
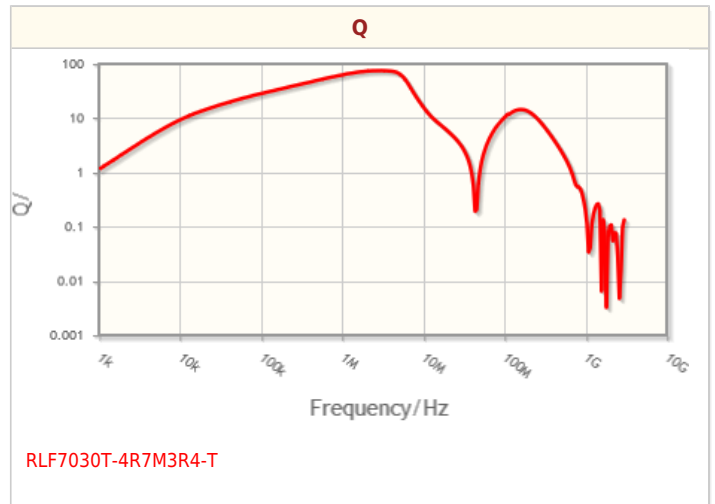
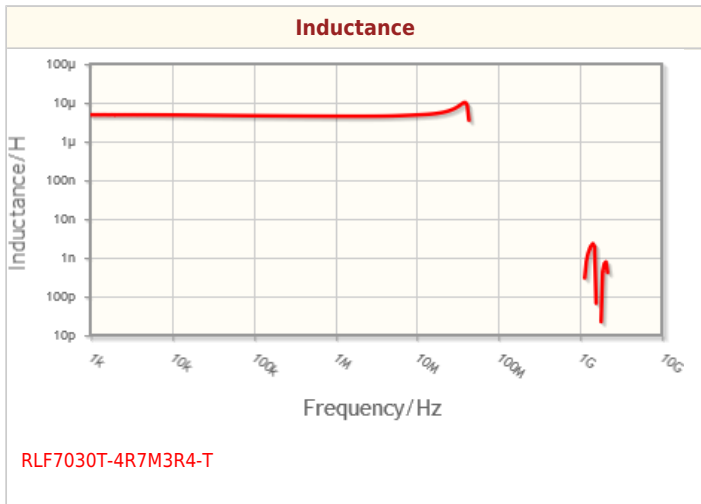
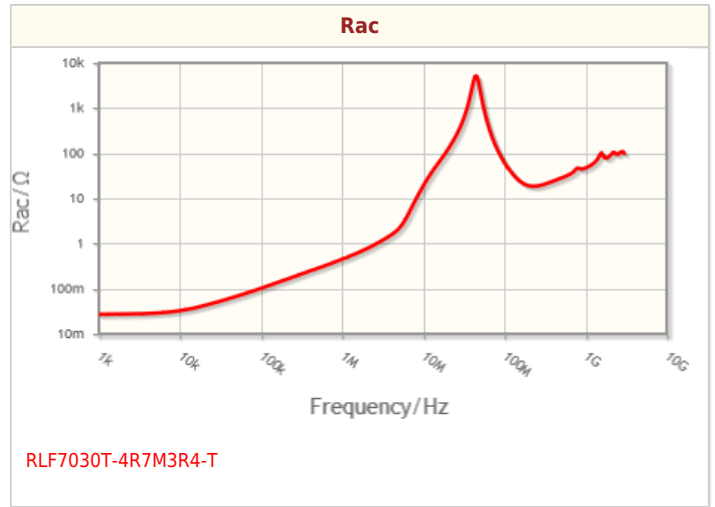
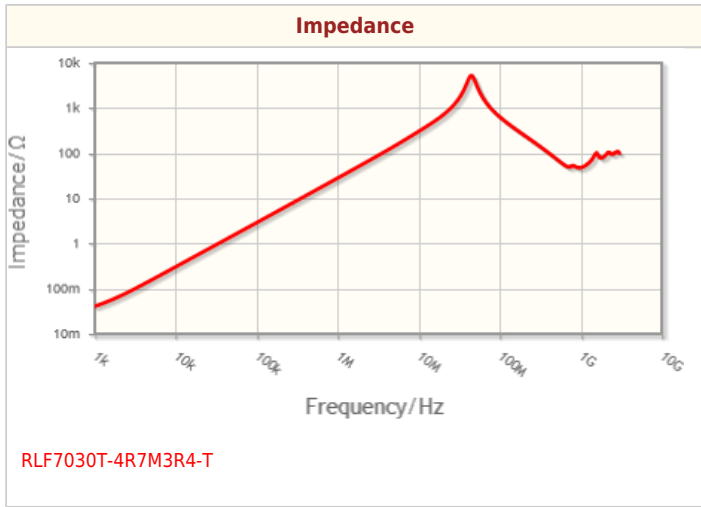
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

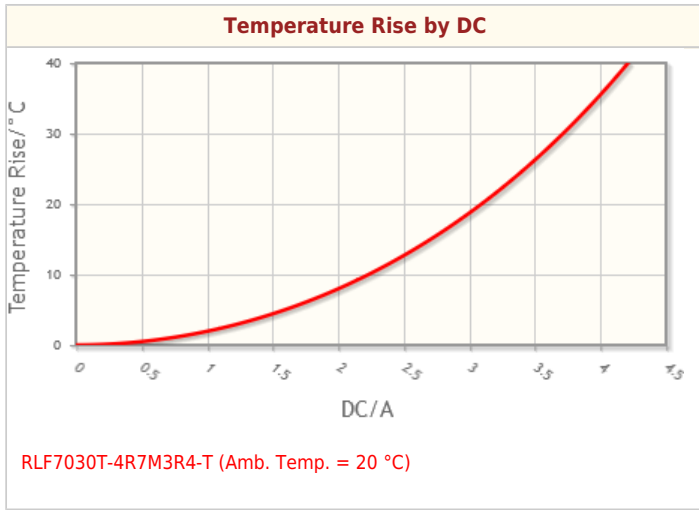


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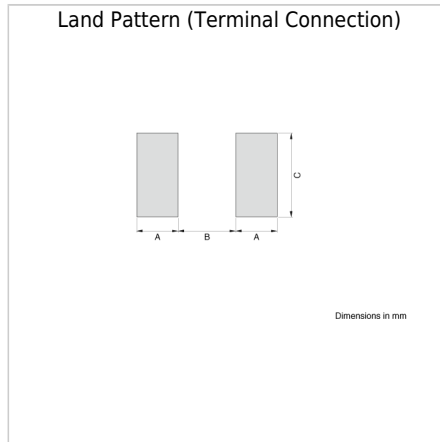
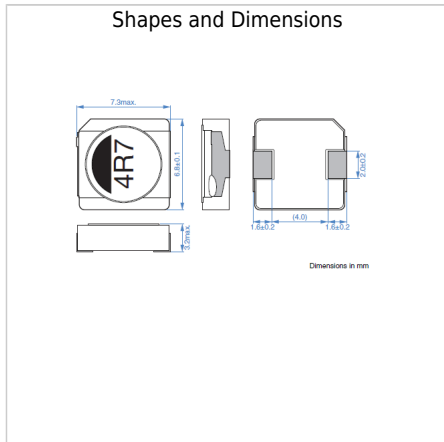


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