

RLF12560T-7R8N8R2



<b>Applications</b>	Commercial Grade
<b>Feature</b>	<div style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="border: 1px solid green; padding: 2px;">Shield</span> Magnetic Shield</div> <div><span style="border: 1px solid red; padding: 2px;">Wire Wound</span> Wire Wound</div> <div><span style="border: 1px solid gray; padding: 2px;">Ferrite Core</span> Ferrite Core</div> </div>
<b>Series   Type</b>	RLF
<b>Status</b>	<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"></div> <div> <p>EOL announced</p> <p>Recommended Alternate Part No. : <a href="#">CLF12555T-100M-D</a> (Interchangeability is not guaranteed.)</p> <p>Discontinue Issue Date : May.28, 2020</p> <p>Last Purchase Order Date : Mar.31, 2022</p> <p>Last Shipment Date : Sep.30, 2022</p> </div> </div>
<b>Brand</b>	TDK



Size	
Length(L)	12.80mm ±0.50mm
Width(W)	12.50mm ±0.50mm
Thickness   Height	6.00mm Max.
Recommended Land Pattern (A)	3.20mm Nom.
Recommended Land Pattern (B)	7.50mm Nom.
Recommended Land Pattern (C)	4.00mm Nom.

Electrical Characteristics	
Inductance	7.8μH ±30% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	8.2A (50% Down)
Rated Current (Temperature Rise) [Typ.]	8.4A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	10.2mΩ
DC Resistance [Max.]	12.24mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]

Package Quantity

500pcs

Weight

4g

! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

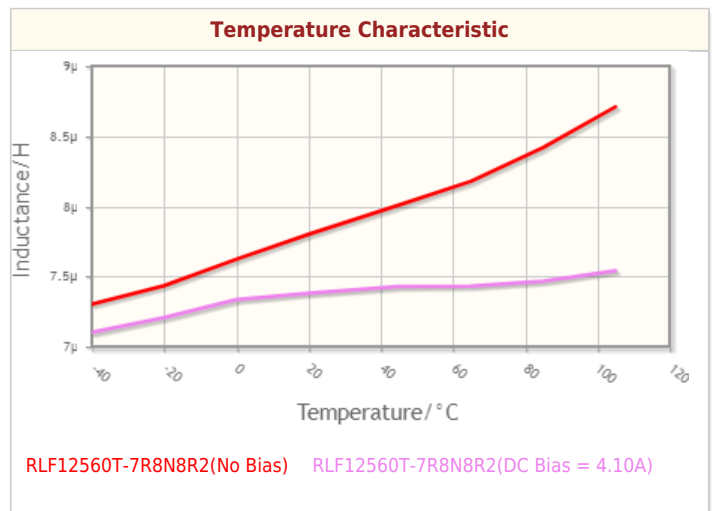
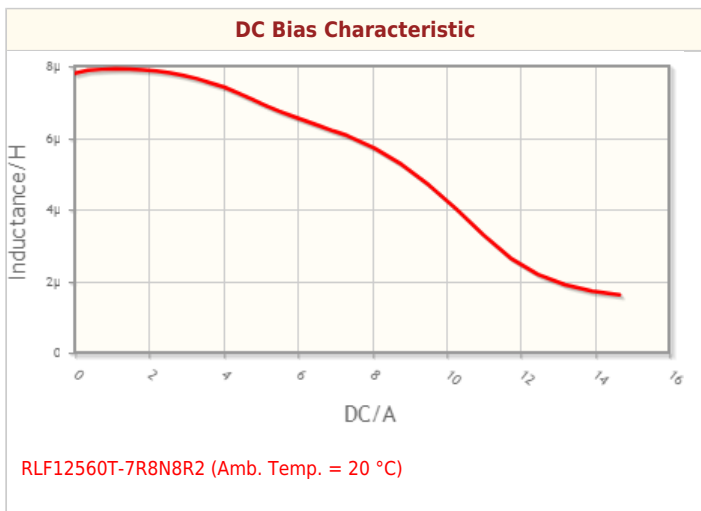
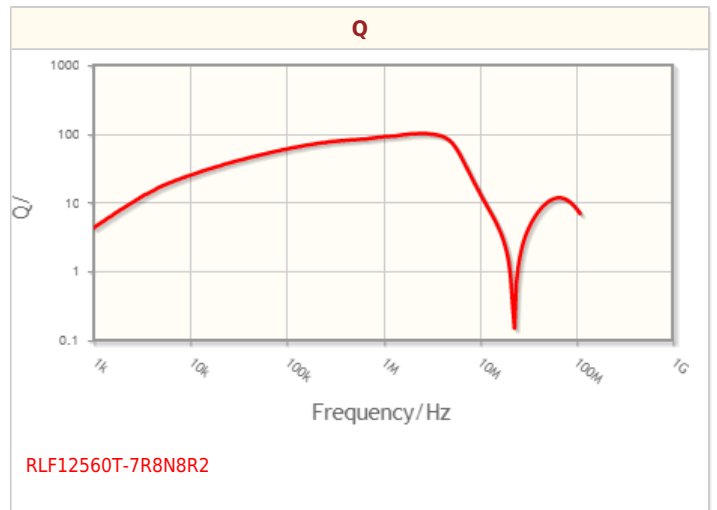
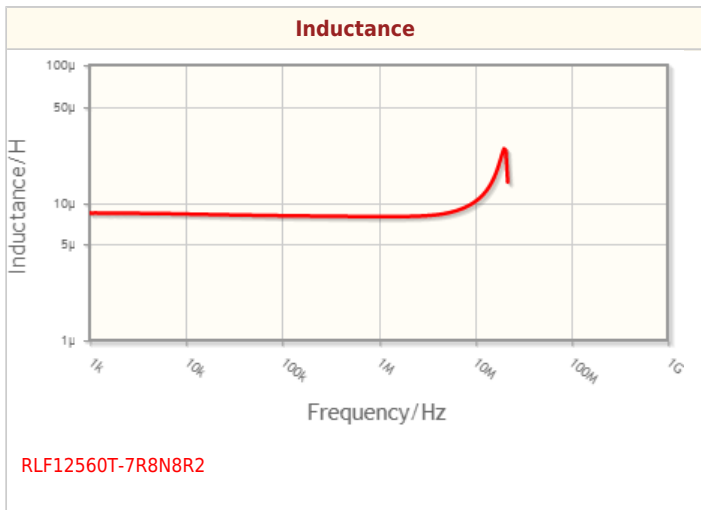
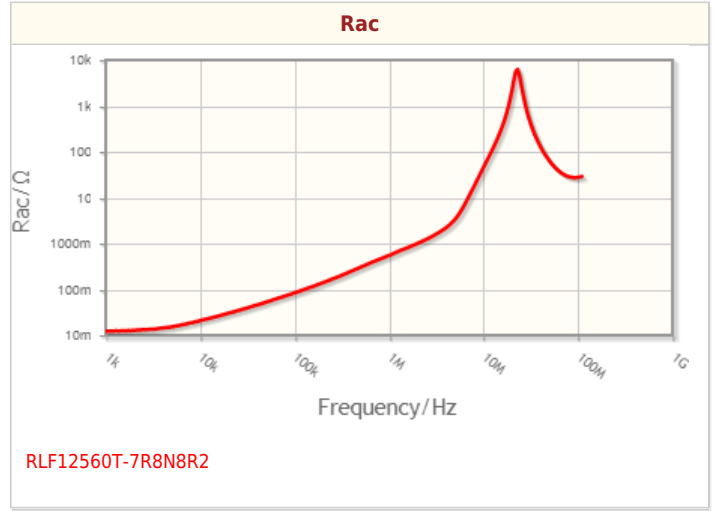
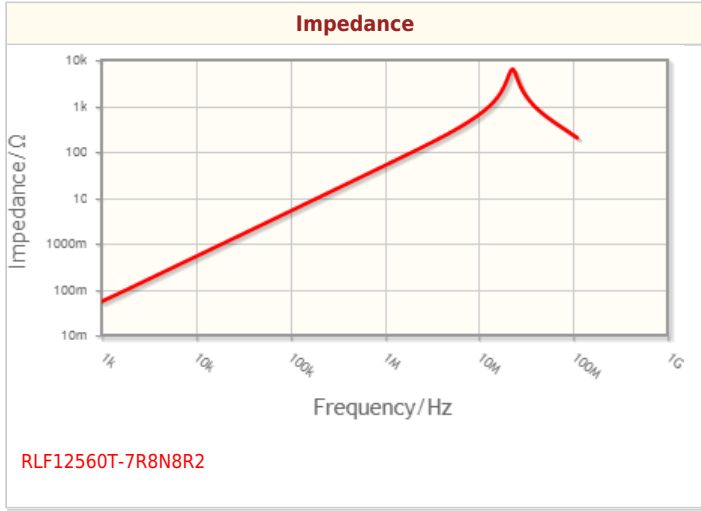
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

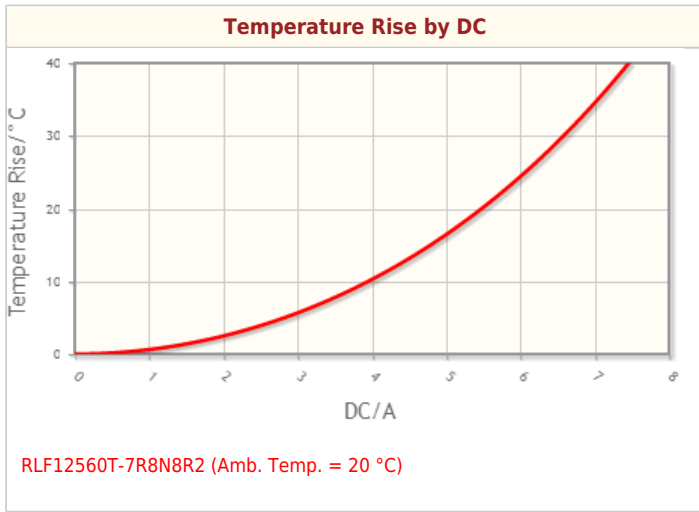


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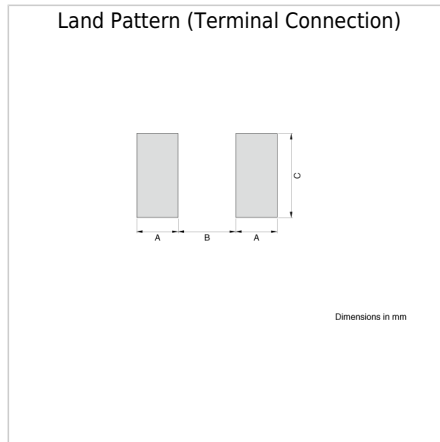
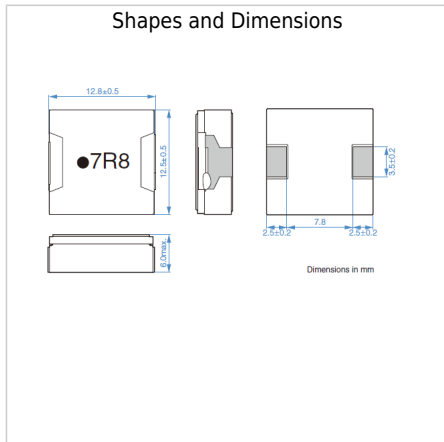


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## Associated Images



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