

MLK1005S18NJTD25



<b>Applications</b>	Automotive Grade
<b>Feature</b>	<p><b>No Directivity</b> No Directivity</p> <p><b>Multilayer</b> Multilayer</p> <p><b>Non-Mag Core</b> Non-Magnetic Core (Dielectric Ceramic)</p> <p><b>High SRF</b> High SRF</p> <p><b>AEC-Q200</b> AEC-Q200</p>
<b>Series   Type</b>	MLK
<b>Status</b>	<p> Production (Not Recommended for New Design)</p> <p>Recommended Alternate Part No. : <a href="#">MLG1005S18NJTD25</a> (Interchangeability is not guaranteed.)</p>
<b>Brand</b>	TDK



Size	
Length(L)	1.00mm ±0.10mm
Width(W)	0.50mm ±0.10mm
Thickness   Height	0.50mm ±0.10mm
Recommended Land Pattern (A)	0.50mm Nom.
Recommended Land Pattern (B)	0.40mm Nom.
Recommended Land Pattern (C)	0.50mm Nom.

Electrical Characteristics	
Inductance	18nH ±5% at 100MHz
Rated Current	250mA
DC Resistance [Typ.]	380mΩ
DC Resistance [Max.]	600mΩ
Self Resonant Frequency [Min.]	4GHz
Self Resonant Frequency [Typ.]	4.7GHz
Q [Min.]	7 at 100MHz
Q [Typ.]	9 at 100MHz

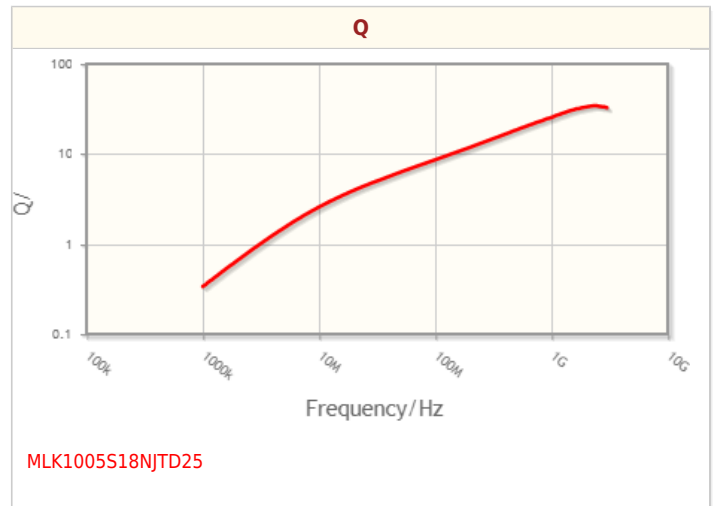
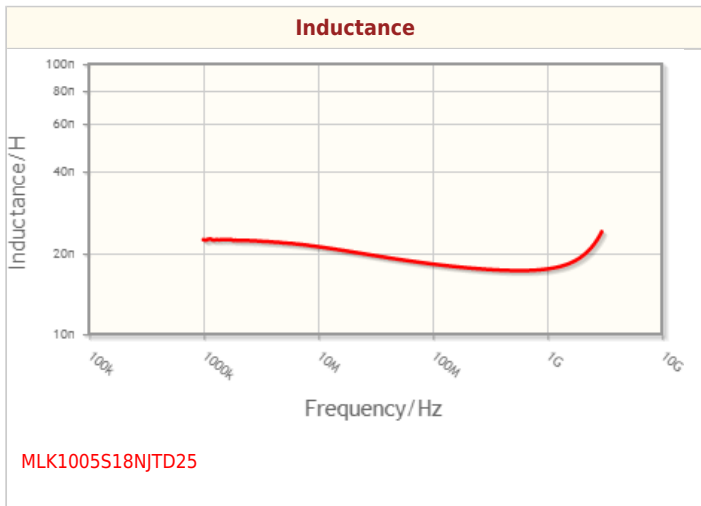
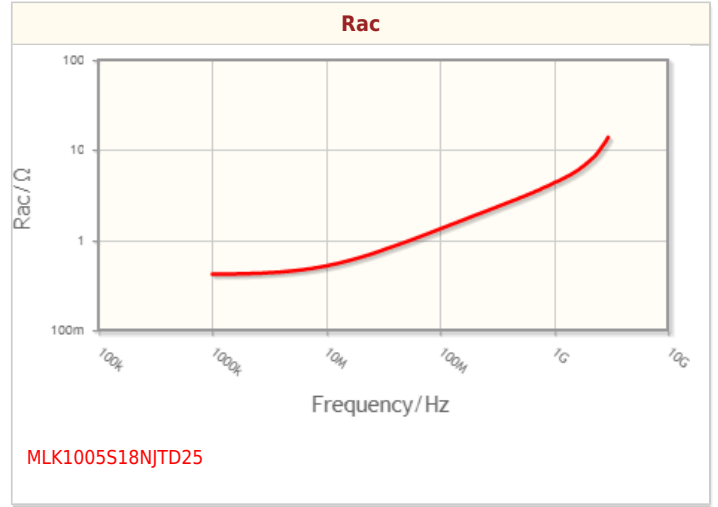
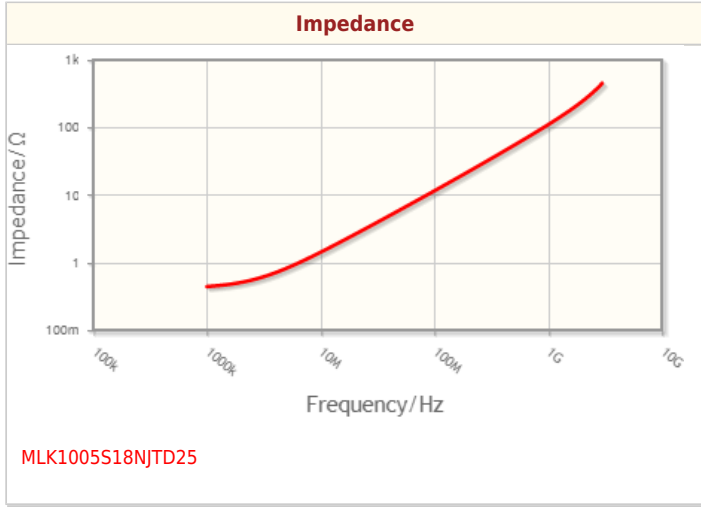
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs
Weight	0.001g

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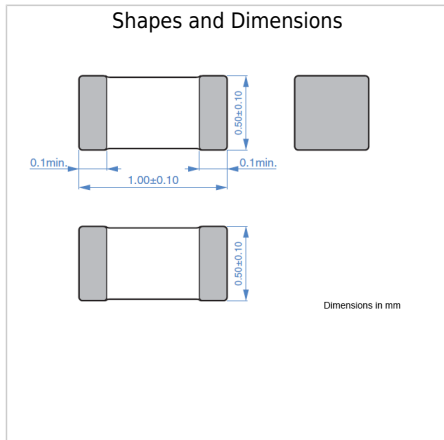
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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## Associated Images



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