

SMD / SMT Inductors (Coils)

MLK1005SR30JTD25

RoHS Reach Halogen Free Pb Free

Applications	Automotive Grade
Feature	AEC-Q200 AEC-Q200 No Directivity No Directivity Multilayer Multilayer Non-Mag Core Non-Magnetic Core (Dielectric Ceramic) High Self Resonant Frequency
Series Type	MLK
Status	EOL announced Recommended Alternate Part No. : MLG1005SR30JTD25 (Interchangeability is not guaranteed.) Discontinue Issue Date : May.24, 2021 Last Purchase Order Date : Mar.31, 2026 Last Shipment Date : Jun.30, 2026
Brand	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	300nH ±5% at 100MHz
Rated Current	70mA
DC Resistance [Typ.]	5.37Ω
DC Resistance [Max.]	7.5Ω
Self Resonant Frequency [Min.]	900MHz
Self Resonant Frequency [Typ.]	1.2GHz
Q [Min.]	6 at 100MHz
Q [Typ.]	8 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, Tape width 8mm]
Package Quantity	10000pcs

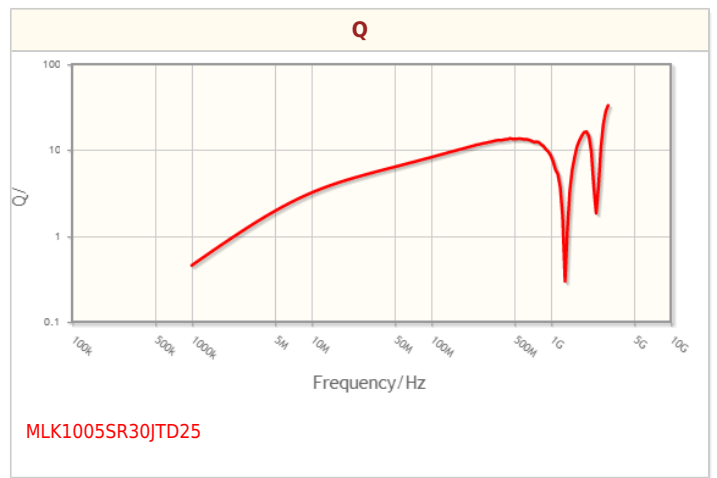
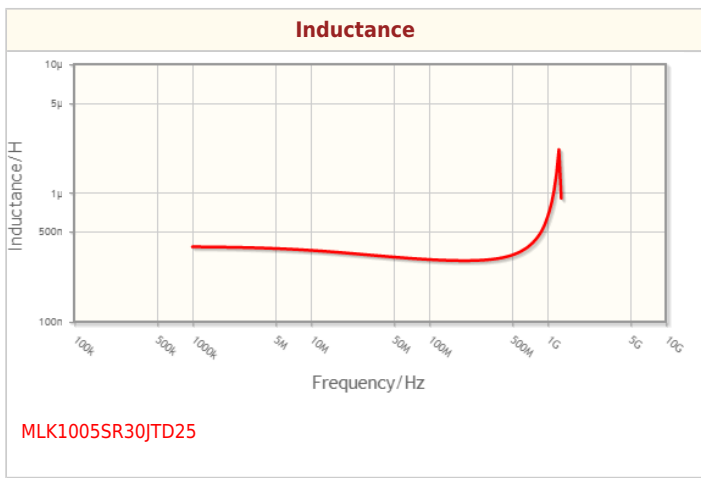
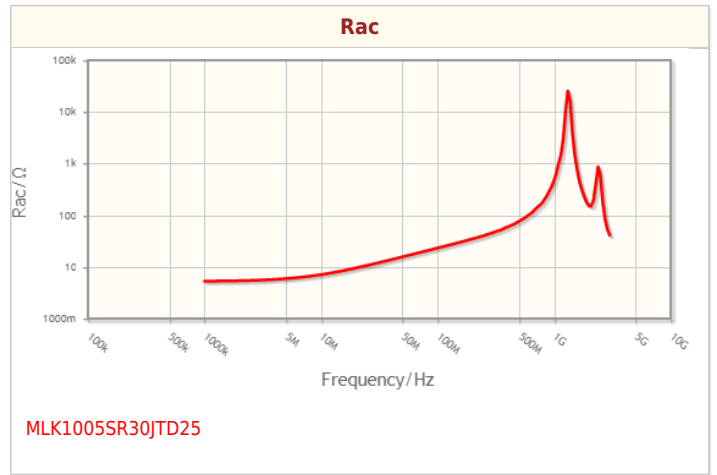
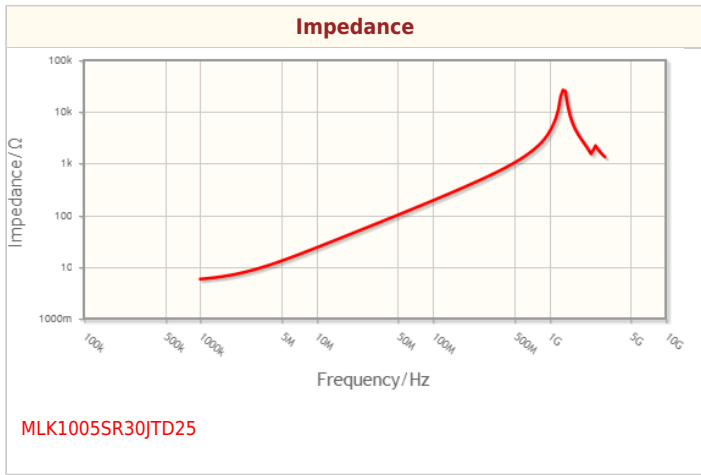
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! All specifications are subject to change without notice.

Weight	0.001g
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

