
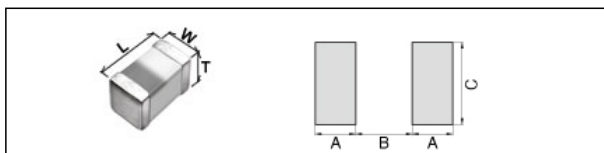


# MLG0603S3N3STD25

Applications	 Automotive Grade
Feature	<div>Multilayer</div> <div>Multilayer</div> <div>Non-Mag Core</div> <div>Non-Magnetic Core (Dielectric Ceramic)</div> <div>AEC-Q200</div> <div>AEC-Q200</div>
Series	MLG Series / MLG0603S Type
Status	PROD



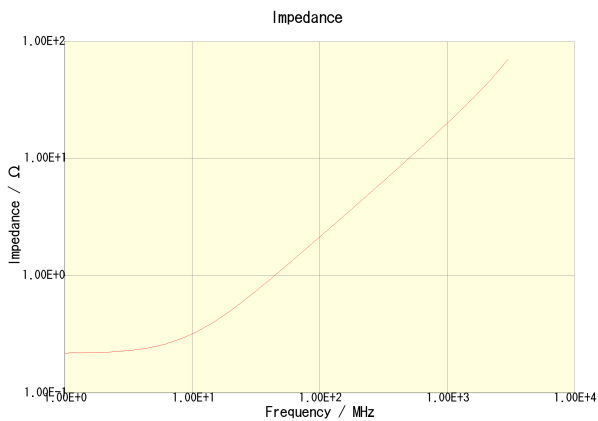
Size	
Length(L)	0.60mm +/-0.03mm
Width(W)	0.30mm +/-0.03mm
Thickness(T)	0.30mm +/-0.03mm
Recommended Land Pattern (A)	0.25mm Nom.
Recommended Land Pattern (B)	0.30mm Nom.
Recommended Land Pattern (C)	0.30mm Nom.

Electrical Characteristics	
Inductance	3.3nH +/-0.3nH at 100MHz
Rated Current (Temperature Rise) [Max.]	300mA (20degC Rise)
Self-Resonant Frequency [Min.]	5.8GHz
Self-Resonant Frequency [Typ.]	7GHz
Q [Min.]	4 at 100MHz
Q [Typ.]	
DC Resistance [Nom.]	230mΩ
DC Resistance [Max.]	350mΩ

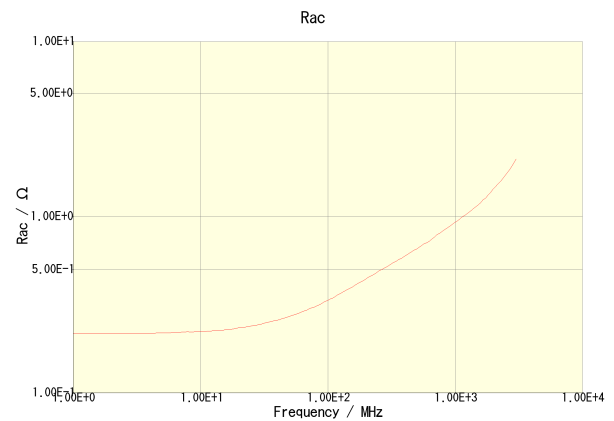
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	15000Pcs Min.
Weight	0.0002g

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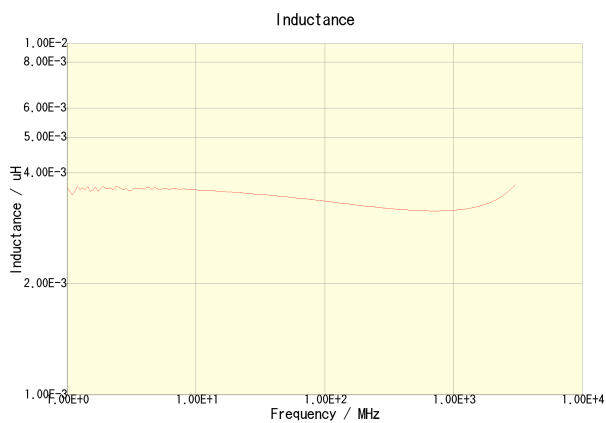
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



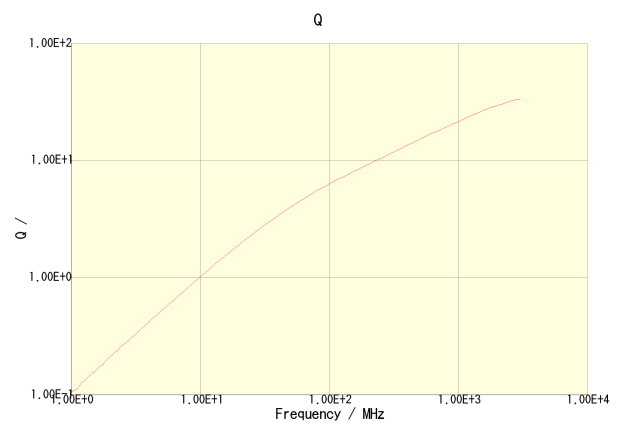
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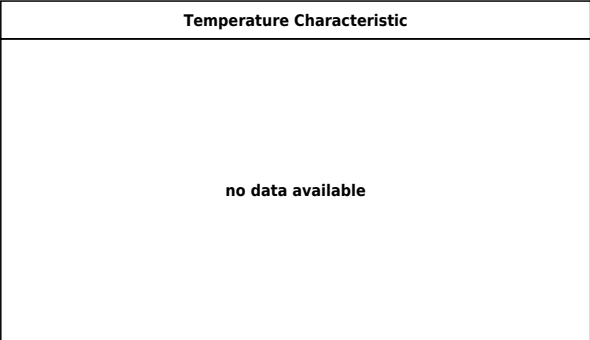
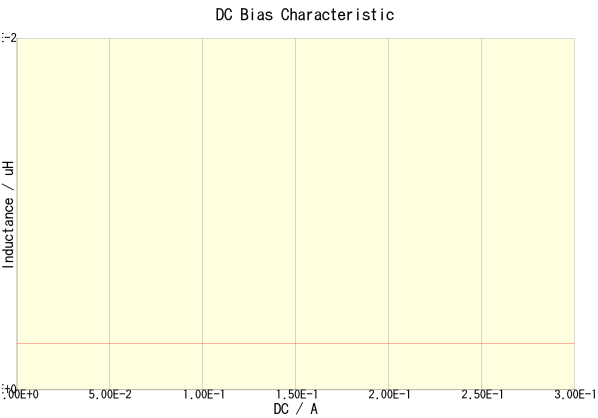
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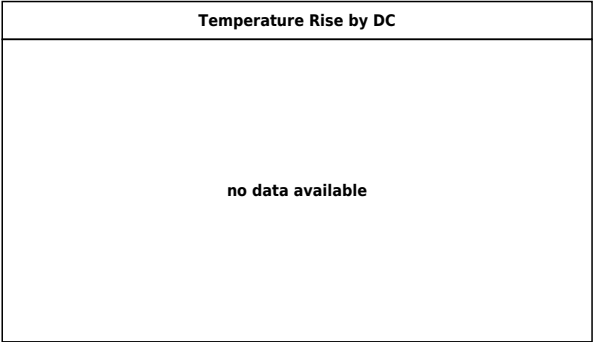
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MLG0603S3N3STD25(Amb. Temp. = 20degc)



•This PDF document was created based on the data listed on the TDK Corporation website.  
•All specifications are subject to change without notice.