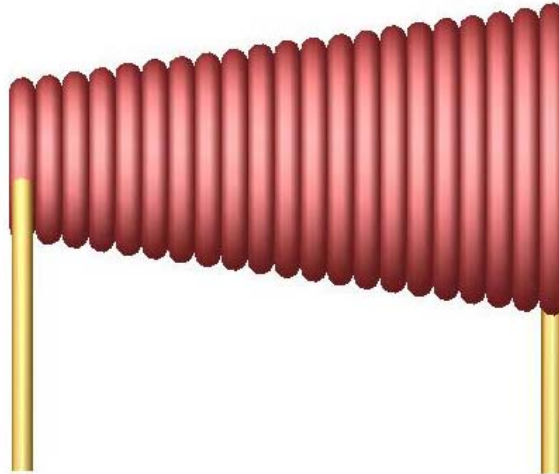




26 CUMMINGS ROAD, TYNGSBORO, MA 01879-1406

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CC21T36K240G100

Electrical

Frequency:***	10 MHz- 36 GHz typ.
Return Loss:	-26dB typ. In/Out
Insertion Loss	-0.35dB typ.
Q Typ. @ 10 MHz:*	25-30
Idc (max):**	1000 mA
Inductance @ 10 MHz:*	0.425 μ H
DCR Typ.:	0.135 Ω
Operating Temp:	-55°C to 155°C

Mechanical

Turns:	21
Wire:	AWG 36, Ins. Cu, 240°C
ID-f _{high} :	0.018 +/- .002 in
OD-f _{low} :	0.070 in
Length:	0.135 in
Fill:	Powdered Iron (S-Class)
Leads:	5 μ m Gold Plate

* L & Q are measure on an HP 4191A Rf Impedance Analyzer using a 16092A Spring Clip Fixture.

** I_{dc} Max is the DC current at which the device sees a 100°C temperature rise over an ambient temperature of 25°C.

*** Please see "Conical Frequency Range Measurement Document" to see process for determining the inductors frequency range.

