

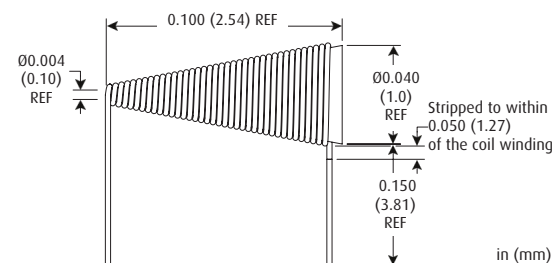
C100FL SERIES



Broadband Conical Flying Lead Inductor

Outgassing Tested per ASTM E595 (*)

PART NUMBER	L μ H @ 10 MHz	DCR Ω MAX	CURRENT RATING mA DC	TURNS	WIRE SIZE AWG
POWDERED IRON CORE					
C100FL1938G6	0.26	0.10	573	19	38
C100FL2540G6	0.37	0.21	396	25	40
C100FL3142G6	0.58	0.47	264	31	42
C100FL3944G6	1.00	0.74	211	39	44
C100FL4947G6	1.54	1.70	140	49	47



NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 35°C temperature rise at an ambient temperature of 90°C
- **Wire Type:** Copper
- **Weight MAX:** 0.0069 grams
- All non-tolerance and electrical data are reference only and based on nominal data
- Materials are fungus-inert to meet method 508 of MIL-STD-810H
- * Meets a TML (Total Mass Loss) requirement of 1.0% maximum when tested in accordance with ASTM E595; this calculation does not include WVR (Water Vapor Recovered)
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION

GEC Series **C100FL**
 Turns (reference table above) **19**
 Wire Size AWG (reference table above) **38**
 Termination: G6 = Gold and RoHS compliant (Standard) **G6**

PACKAGING SPECS

Bulk - 50 pieces per case