

C182FL SERIES

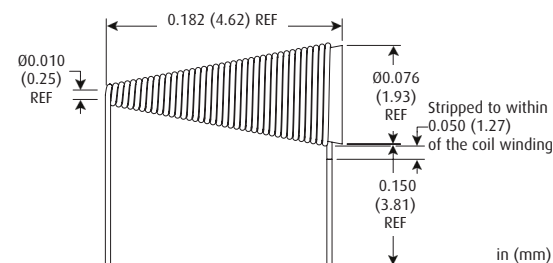


Broadband Conical Flying Lead Inductor

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					
C182FL3638G6	1.47	0.33	694	36	38
C182FL4840G6	2.00	0.65	494	48	40
C182FL6042G6	3.30	1.29	350	60	42
C182FL7844G6	6.00	2.85	236	78	44
C182FL11047G6	10.7	7.10	150	110	47



NOTES

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 100°C temperature rise at an ambient temperature of 25°C
- **Wire Type:** Copper
- **Weight MAX:** 0.030 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 **C182FL**
 Turns (reference table above) **36**
 Wire Size AWG (reference table above) **38**
 Termination: G6 = Gold and RoHS compliant (Standard) **G6**

PACKAGING SPECS

Bulk - in Jewel case