

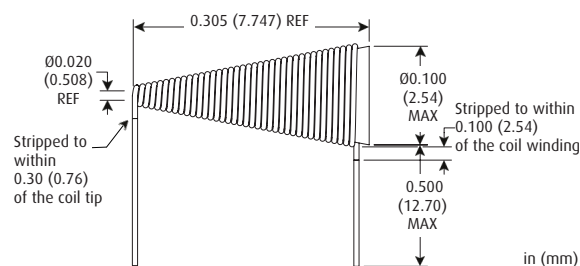
C305FL SERIES



Broadband Conical Flying Lead Inductor
Enhanced DC Current Handling Capability

Outgassing Tested per ASTM E595 (*)

PART NUMBER	L μ H @ 10 MHz TYP	Q μ H @ 10 MHz TYP	DCR Ω MAX	CURRENT RATING mA DC	TURNS	WIRE SIZE AWG
POWDERED IRON CORE						
C305FL1726C6	0.30	41	0.020	7200	17	26
C305FL2128C6	0.50	40	0.035	3500	21	28
C305FL2830C6	0.90	40	0.070	2000	28	30
C305FL3432C6	1.00	38	0.125	1300	34	32



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: 3.0 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

C305FL 17 26 C6

GEC Series

Turns (reference table above)

Wire Size AWG (reference table above)

Termination: C6 = Copper (standard), G6 = Gold

Note: C6 & G6 terminations are both RoHS compliant; Contact factory for Pb Terminations

PACKAGING SPECS

Bulk - 50 pieces per case