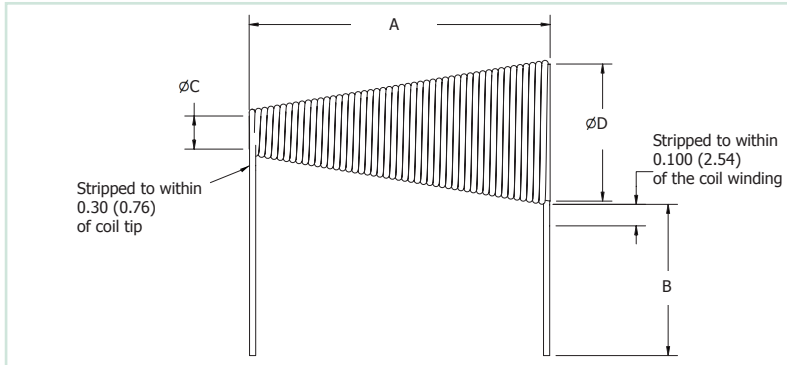


NEW BROADBAND DATA SUMMARY

RF Conical Family with Enhanced DC Current Handling Capability

Wirewound, Powdered Iron Core, Flying Lead

Outgassing Tested per ASTM E595 (*)



SERIES	A DIM MAX	B DIM MAX	C DIM REF	D DIM MAX
C305FL	0.305 (7.747)	0.500 (12.70)	0.020 (0.508)	0.100 (2.54)
C550FL	0.550 (13.97)	0.500 (12.70)	0.100 (2.54)	0.300 (7.62)
C750FL	0.750 (19.05)	0.500 (12.70)	0.110 (2.79)	0.370 (9.398)
C1000FL	1.00 (25.40)	0.500 (12.70)	0.110 (2.79)	0.450 (11.43)

PART NUMBER	L µH @ 10 MHz TYP	Q @ 10 MHz TYP	DCR Ω MAX	CURRENT RATING mA DC	TURNS	WIRE SIZE AWG	WIRE TYPE
SERIES C305FL							
C305FL1726C6	0.30	41	0.020	7200	17	26	Copper
C305FL2128C6	0.50	40	0.035	3500	21	28	Copper
C305FL2830C6	0.90	40	0.070	2000	28	30	Copper
C305FL3432C6	1.00	38	0.125	1300	34	32	Copper
SERIES C550FL							
C550FL1520C6	1.20	66	0.020	10500	15	20	Copper
C550FL2524C6	3.10	55	0.035	4500	25	24	Copper
C550FL3126C6	5.00	52	0.070	3000	31	26	Copper
C550FL3528C6	6.80	47	0.125	2200	35	28	Copper
SERIES C750FL							
C750FL2220C6	2.50	50	0.020	8100	22	20	Copper
C750FL3424C6	7.00	52	0.070	4100	34	24	Copper
C750FL4326C6	12.00	47	0.140	3000	43	26	Copper
C750FL5328C6	16.00	60	0.265	2200	53	28	Copper
SERIES C1000FL							
C1000FL2920C6	5.00	48	0.030	7700	29	20	Copper
C1000FL4524C6	13.00	39	0.110	3800	45	24	Copper
C1000FL5726C6	22.00	30	0.215	2700	57	26	Copper

Custom designs are available to meet your specific requirements; please contact factory

These RoHS components meet the ≤ 0.1% lead requirement and they are compatible with 260°C soldering processes.

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
- All non-tolerance and electrical data are reference only and based on nominal data
- **Terminations:** Standard and gold terminations are RoHS compliant; please contact factory for Pb terminations
When ordering gold terminations change suffix in part number from C to G (eg. C305FL1726G6)
- **Weight Max:**
C305FL: 3.0 grams
C550FL: 3.1 grams
C750FL: 5.5 grams
C1000FL: 9.0 grams

* 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)

PACKAGING SPECS:

Bulk - in Jewel Case