

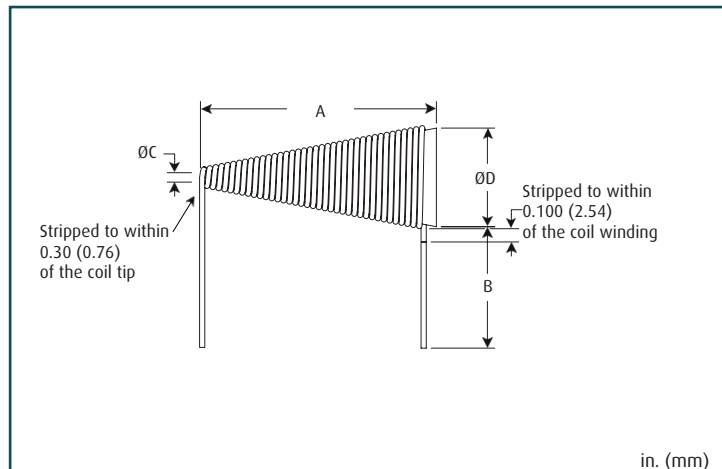
BROADBAND CONICAL DATA SUMMARY

RF Conical Family with Enhanced DC Current Handling Capability

Outgassing Tested per ASTM E595 (*)



Wirewound, Powdered Iron Core, Flying Lead



in. (mm)

PART NUMBER	L μ H @ 10 MHz TYP	Q @ 10 MHz TYP	DCR Ω NOM	CURRENT RATING mA DC	TURNS	WIRE SIZE AWG
SERIES C305FL						
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	1.0	38	0.125	1300	34	32
SERIES C550FL						
C550FL1520C6	1.20	66	0.020	10500	15	20
C550FL2524C6	3.10	55	0.035	4500	25	24
C550FL3126C6	5.00	52	0.070	3000	31	26
C550FL3528C6	6.80	47	0.125	2200	35	28
SERIES C750FL						
C750FL2220C6	2.50	50	0.020	8100	22	20
C750FL3424C6	7.0	52	0.070	4100	34	24
C750FL4326C6	12.0	47	0.140	3000	43	26
C750FL5328C6	16.0	60	0.265	2200	53	28
SERIES C1000FL						
C1000FL2920C6	5.0	48	0.030	7700	29	20
C1000FL4524C6	13.0	39	0.110	3800	45	24
C1000FL5726C6	22.0	30	0.215	2700	57	26

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)

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
- **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 Series: 3.0 grams
C550FL Series: 3.1 grams
C750FL Series: 5.5 grams
C1000FL Series: 9.0 grams
- All non-tolerance and electrical data are reference only and based on nominal data
- ✱ 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

PACKAGING SPECS

Bulk - 100 pieces per case maximum