

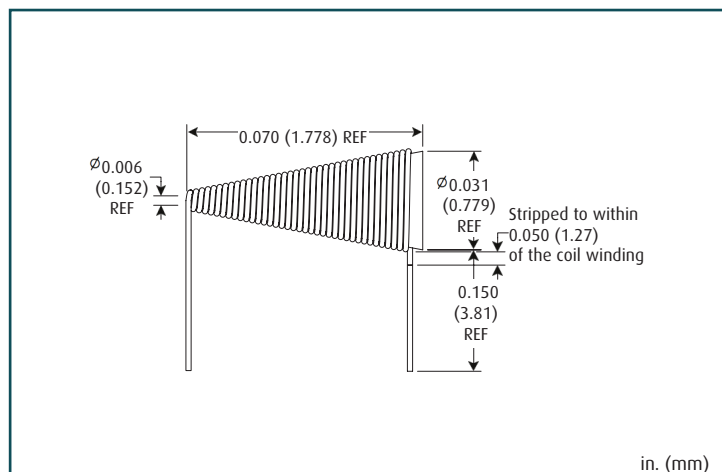
BROADBAND CONICAL DATA SUMMARY

C070 Series Expand Conical Product Line

Outgassing Tested per ASTM E595 (*)



Wirewound, Powdered Iron Core, Flying Lead



PART NUMBER	L μ H @ 10 MHz	DCR Ω NOM	CURRENT RATING mA DC	TURNS	WIRE SIZE AWG
SERIES C070FL					
C070FL1538G6	0.165	0.080	625	15	38
C070FL2040G6	0.265	0.170	425	20	40
C070FL2542G6	0.390	0.280	340	25	42
C070FL3044G6	0.550	0.600	235	30	44
C070FL3445G6	0.700	0.820	190	34	45
C070FL3846G6	0.800	1.0	175	38	46
C070FL4347G6	1.05	1.5	150	43	47

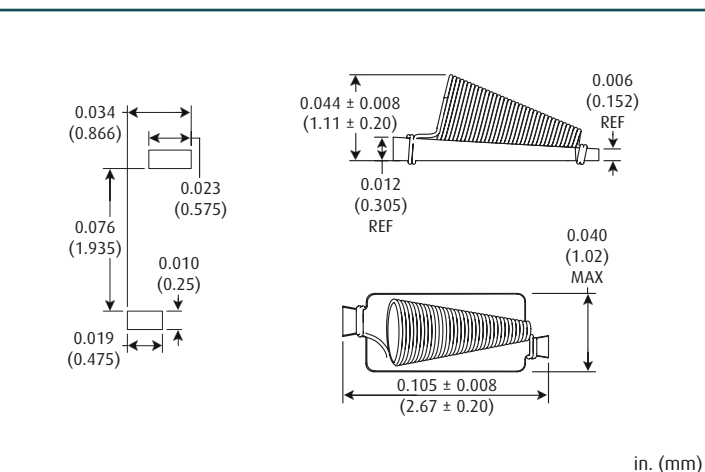
NOTES

- **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 (Terminations are Gold and RoHS compliant)
- **Weight Max:** 0.0069 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

Wirewound, Powdered Iron Core, Surface Mount



PART NUMBER	L μ H @ 10 MHz	DCR Ω NOM	CURRENT RATING mA DC	TURNS	WIRE SIZE AWG
SERIES C070SM					
C070SM1538G6	0.165	0.080	625	15	38
C070SM2040G6	0.265	0.170	425	20	40
C070SM2542G6	0.390	0.280	340	25	42
C070SM3044G6	0.550	0.600	235	30	44
C070SM3445G6	0.700	0.820	190	34	45
C070SM3846G6	0.800	1.0	175	38	46
C070SM4347G6	1.05	1.5	150	43	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:** 0.25 grams
- All non-tolerance and electrical data are reference only and based on nominal data
- Terminal is elongated to allow for soldering close to the top of the coil
- Recommended that component is epoxied to substrate before reflow soldering
- * 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

TAPE AND REEL SPECS

Pieces/reel maximum:	2000
Pitch between parts:	4 mm
Tape width:	8 mm
Reel diameter:	7 in.