

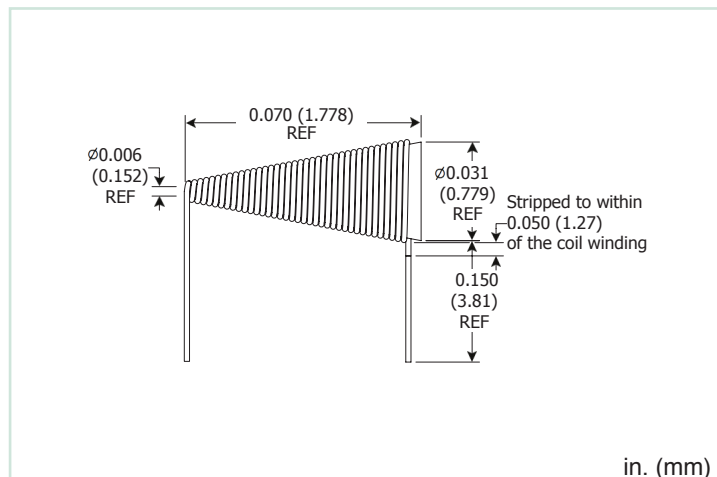
NEW BROADBAND DATA SUMMARY

C070 Series Expand RF Conical Product Line

Outgassing Tested per ASTM E595 (*)

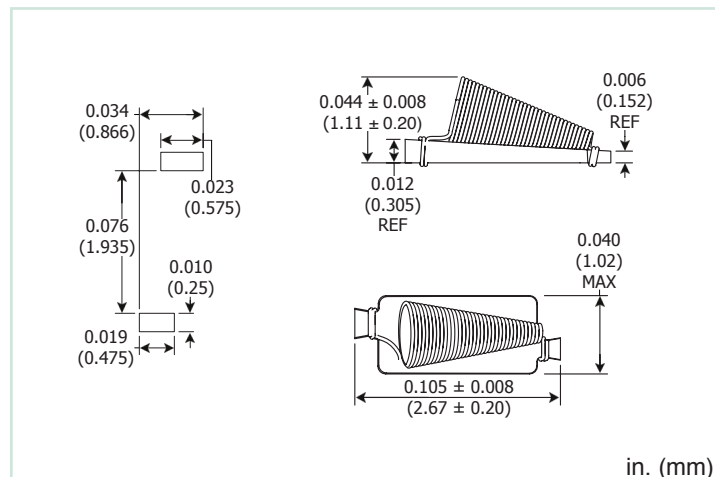


Wirewound, Powdered Iron Core, Flying Lead



| PART NUMBER | L μ H @ 10 MHz | DCR Ω NOM | CURRENT RATING mA DC | TURNS | WIRE SIZE AWG |
|---------------|--------------------|------------------|----------------------|-------|---------------|
| SERIES C070FL | | | | | |
| C070FL1538G6 | 0.165 | 0.08 | 625 | 15 | 38 |
| C070FL2040G6 | 0.265 | 0.17 | 425 | 20 | 40 |
| C070FL2542G6 | 0.390 | 0.28 | 340 | 25 | 42 |
| C070FL3044G6 | 0.550 | 0.60 | 235 | 30 | 44 |
| C070FL3445G6 | 0.700 | 0.82 | 190 | 34 | 45 |
| C070FL3846G6 | 0.800 | 1.0 | 175 | 38 | 46 |
| C070FL4347G6 | 1.050 | 1.5 | 150 | 43 | 47 |

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 | 0.08 | 625 | 15 | 38 |
| C070SM2040G6 | 0.265 | 0.17 | 425 | 20 | 40 |
| C070SM2542G6 | 0.390 | 0.28 | 340 | 25 | 42 |
| C070SM3044G6 | 0.550 | 0.60 | 235 | 30 | 44 |
| C070SM3445G6 | 0.700 | 0.82 | 190 | 34 | 45 |
| C070SM3846G6 | 0.800 | 1.0 | 175 | 38 | 46 |
| C070SM4347G6 | 1.050 | 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:** 0.010 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 tip 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:

| | |
|----------------------|-------|
| Pcs./Reel maximum: | 2000 |
| Pitch between parts: | 4 mm |
| Tape width: | 8 mm |
| Reel diameter: | 7 in. |

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