BROADBAND INDUCTOR

0.050 (1.27) REF

Ø0.025

(0.635) REF

(3.17) REF

Stripped to within 0.030 (0.76) of the coil winding 0.125

in (mm)

Ø0.008

(0.20) REF

CO50FL SERIES

Broadband Conical Flying Lead Inductor Outgassing Tested per ASTM E595 (*)

GOWAI

| PART NUMBER | L µH @ 10 MHz | DCR Ω MAX | CURRENT RATING mA DC | TURNS | WIRE SIZE AWG |
|--------------------|---------------------|-----------------|----------------------------|-------|---------------------|
| POWDERED IRON CORE | | | | | |
| C050FL2144G6 | 0.28 | 0.45 | 280 | 21 | 44 |
| C050FL2947G6 | 0.47 | 0.87 | 275 | 29 | 47 |



- 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: 0.004 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

| | <u>C050FL 21 44 G6</u> |
|---|------------------------|
| GEC Series | |
| Turns (reference table above) | |
| Wire Size AWG (reference table above) | |
| Termination: G6 = Gold and RoHS complia | ant (Standard) |
| | |

PACKAGING SPECS

Bulk - 50 pieces per case

One Magnetics Parkway Gowanda, New York 14070, USA Made in the U.S.A.

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