GOWANDA ELECTRONICS

CUSTOM AIR COIL DESIGN FORM

COMPANY INFORMATION

Company / Division

Contact Name

Telephone

Street Address

City

State

Zip Code

Email Address

APPLICATION INFORMATION

Application

Part Number

Project Name

EAU

Target Price

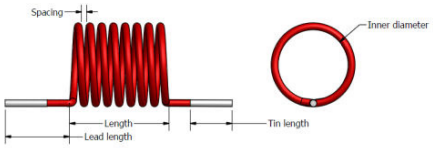
Prototype Date

Production Date

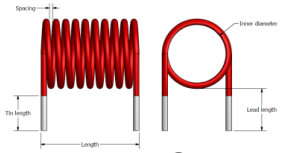
Preferred Winding Configuration:

(See below examples for Standard Configurations)

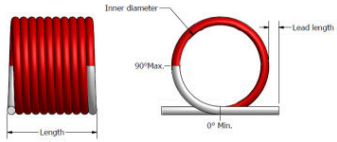
◯ Fly Leads ◯ Thru-Hole ◯ Surface Mount ◯ Other



FLY LEADS



THRU-HOLE



SURFACE MOUNT

WINDING DIMENSIONS

Inner Diameter (in)

Spacing (in)

Lead Length (in)

Tin Length (in)

Max/Min Tinning Angle (deg)

Standard is to tin in-between 90° and 0° (depending on size)

If standard is acceptable - check here

ADDITIONAL WINDING INFORMATION

Wire Gague

Number of Turns

Temperature Class
◯ 130°C ◯ 155°C ◯ 180°C ◯ 200°C

Conductor Material
(Gold, Copper, Silver, Etc.)

Insulation Material

Winding Direction

All above examples are drawn in the right hand winding direction

Standard Plating: 100% Tin

ELECTRICAL INFORMATION

Inductance (nH) @ Frequency, Voltage:

Q (Min)

SRF (Min) (MHz)

DCR (m)

Current Rating (Adc)

Are there any other magnetics that we can help you design?

◯ Inductors ◯ Common Mode ◯ Current Sense
◯ Power Transformers ◯ Switchmode Transformers

FOOT PRINT

Grid spacing 0.025”

Notes

REV ISSUE
9/24/2019

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