



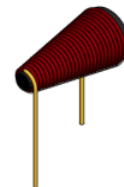
Broadband Conical Flying Lead Inductor

PPI-050FL Series

PART SPECIFICATIONS

Part Number	L μ H @ 10 MHz	DCR Ω NOM	Current Rating mA DC	Upper Frequency Limit GHz	Turns	Wire Size AWG
POWDERED IRON CORE						
PPI-050FL-0R28-280-G6	0.28	0.45	280	110*	21	44
PPI-050FL-0R47-275-G6	0.47	0.87	275	110*	29	47

*based on substrate

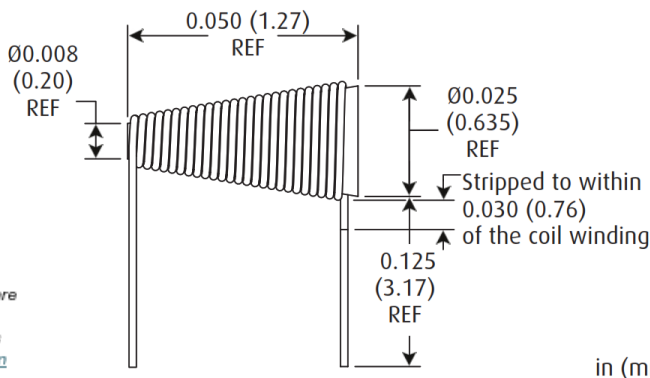
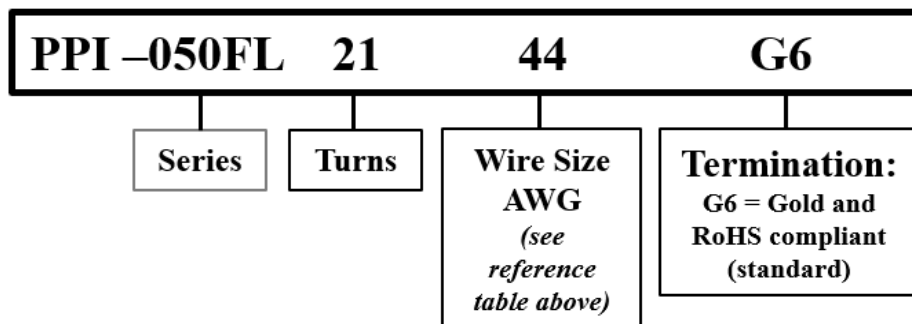


PRODUCT FEATURES

Operating Temperature Range	-55°C to + 125°C	Current Rating	Based on a 35°C temperature rise at an ambient temperatures 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. Please contact factory

PART NUMBER



Please note that the contents of this document are subject to change at any time at PPI's sole discretion. The most up-to-date version of this document is available at www.passiveplus.com

in (mm)



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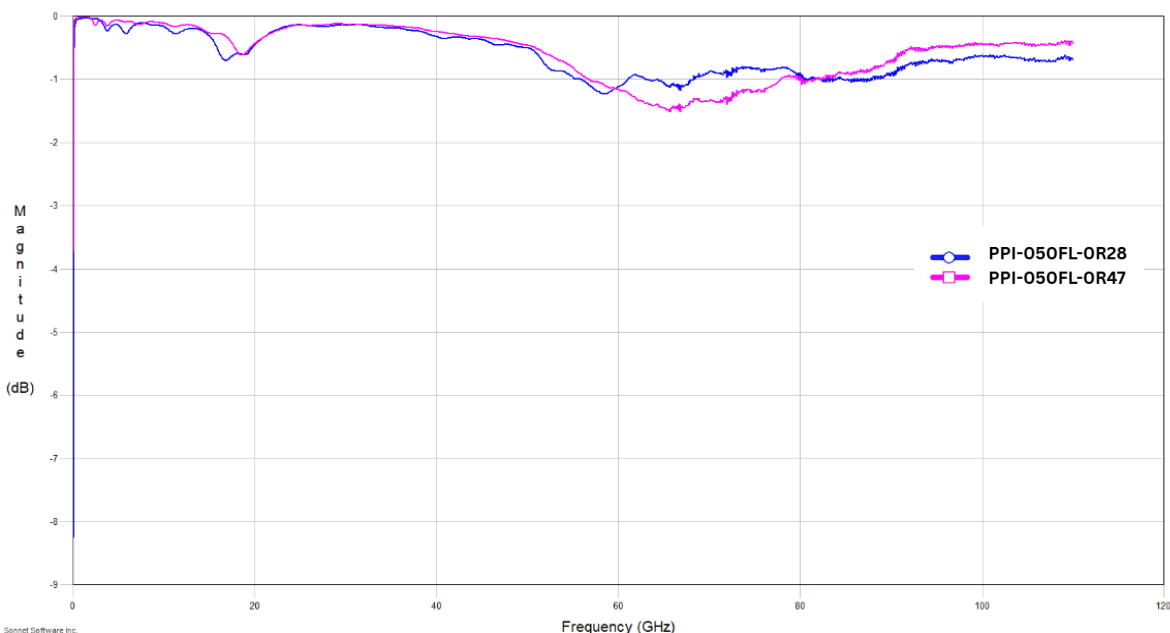


INSERTION LOSS



Mounting angles (typ 45-60 deg)

Inductors are mounted in two-port shunt configuration on 5 mil Rogers 3003G2 Mounting angle is 45 degrees



Inductors are mounted in two-port shunt configuration on 10 mil Rogers 4350B.

Mounting angle is 45 degrees

