Broadband Conical Flying Lead Inductor

PPI-100FL Series

PART SPECIFICATIONS

Part Number	L µH @ 10 MHz	DCR Ω NOM	Current Rating mA DC	Upper Frequency Limit GHz	Turns	Wire Size AWG
POWDERED IRON CORE						
PPI-100FL-0R26-573-G6	0.26	0.10	573	110*	19	38
PPI-100FL-0R37-396-G6	0.37	0.21	396	110*	25	40
PPI-100FL-0R58-264-G6	0.58	0.47	264	110*	31	42
PPI-100FL-1R00-211-G6	1.00	0.74	211	110*	39	44
PPI-100FL-1R54-140-G6	1.54	1.70	140	110*	49	47

*based on substrate

PRODUCT FEATURES

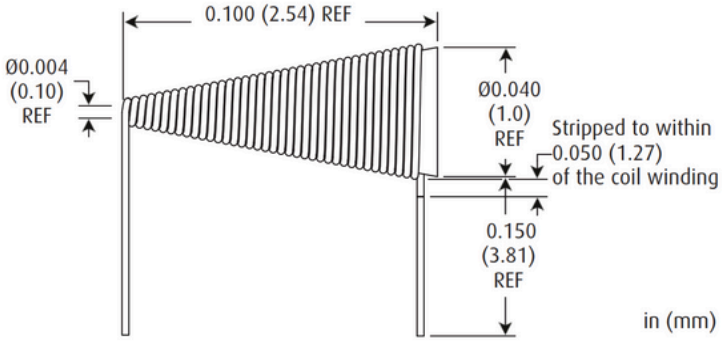
Operating Temperature Range	-55°C to + 125°C	Current Rating	Based on a 35°C temperature rise at an ambient temperatures of 90°C
Wire Type	Copper	Weight MAX	0.0069 grams

- 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 PPI.

PART NUMBER

PPI – 100FL 0R26 – 573 – G6

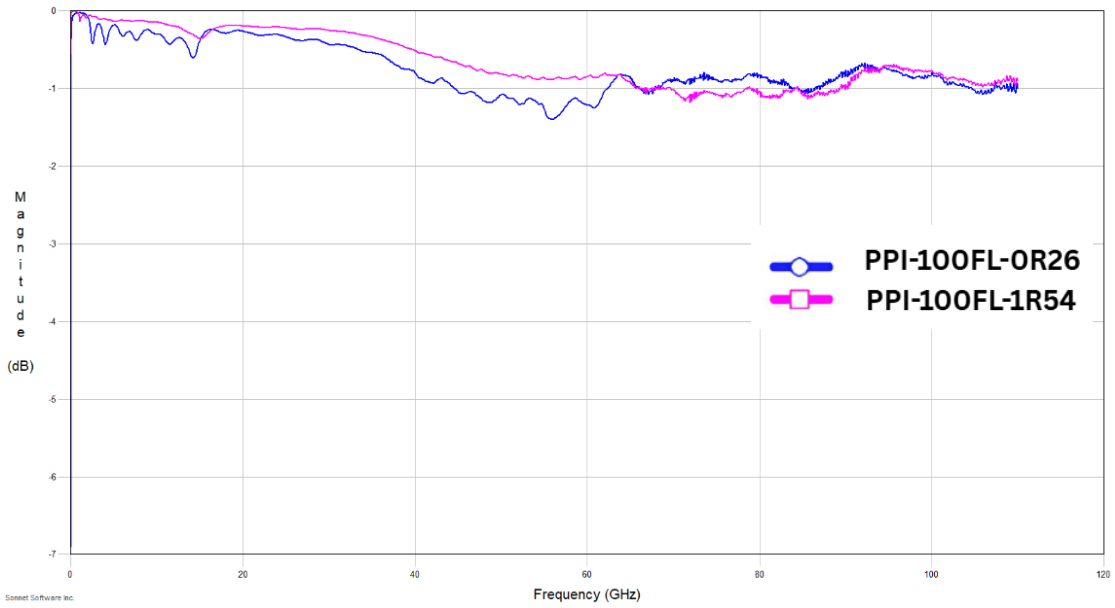
Series	Inductance	Current Rating (mA DC)	Termination G6 = Gold and RoHS compliant (standard)



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.

INSERTION LOSS

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.