



Rod Core Inductor SMT Filter Choke

Characteristics:

- High Current capability
- Very high saturation performance
- High insertion loss at FM band
- Broadband suppression
- Robust mechanical design
- Packaging: tape & reel / pick & place
- Operating temperature up to +150°C
- Automotive approved

Options:

- High current & saturation performance, broadband suppression
- Robust design, tape & reel/pick & place compatible
- +150°C operating temp, automotive approved
- For integrated DC/DC converters, motor drive EMC & infotainment systems

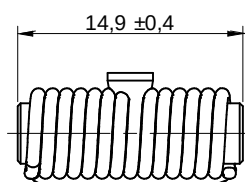
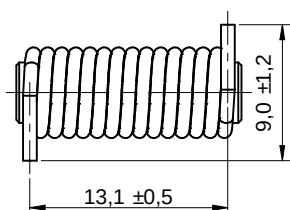
Common Applications:

- Integrated DC/DC converters
- EMC suppression in motor drive systems
- Infotainment Systems

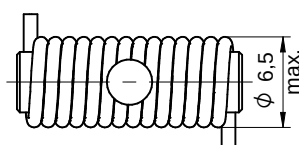
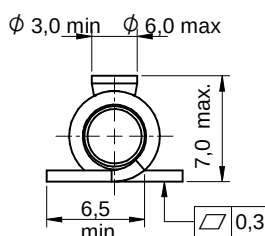
Physical Properties

Order Code	L (mm)	Φ D (mm)	G (mm)	Φ F (mm)	L (μH)	I _R (A)	R _{DC} (mΩ)	f _{res} (MHz)
INF-SMT-2.72μH	14.9	6.5	6.5	1	2.72	10	6.4	100
INF-SMT-1μH	15	7.1	7	1.5	1	22.5	2	213
INF-SMT-1.96μH	18	9.3	5.5	1.5	1.96	15	2.4	134
INF-SMT-4.45μH	25	11.5	6	1.5	4.45	12	3.8	40

Technical Specifications



Legs stamped



Pick & place area

