



DRWW Coil Cores Fixed Axial Power Inductors Filter Choke

Characteristics:

- Adopt high-saturation ferrite core with high permeability, increased electrical resistivity, and low eddy current losses
- High current choke design, suitable for high-current operating scenarios
- Wide inductance range (27 μ H ~ 4.7 mH) with current adaptation range of 0.1 A ~ 1.28 A
- Equipped with UL-rated shrink tube packaging, complying with safety standards
- Cost-effective and economically practical
- Wide operating temperature range (-40 $^{\circ}$ C ~ +125 $^{\circ}$ C) with strong environmental adaptability
- Storage temperature range consistent with operating temperature (-40 $^{\circ}$ C ~ +125 $^{\circ}$ C), featuring relaxed storage conditions
- Support multiple functions such as differential mode filtering and energy storage, with comprehensive performance

Common Applications:

- Switching regulators
- Power amplifiers, inverters and converters
- Power supplies with various topologies (buck, boost, SEPIC, Cuk, etc.)
- SCR and Triac controls
- Speaker crossover networks
- RFI suppression filters / RFI tuning coils
- Other applications (i.e., snubber circuits, etc.)

Physical Properties

Order Code	Inductance @1kHz (μ H)	DCR Max (Ω)	Temperature Rise Current Max. (A)
INF-DRWW-270K	27	0.058	1.280
INF-DRWW-330K	33	0.075	1.008
INF-DRWW-470K	47	0.109	0.804
INF-DRWW-101K	100	0.208	0.632
INF-DRWW-471K	470	1.150	0.315
INF-DRWW-681K	680	1.610	0.250
INF-DRWW-102K	1000	2.300	0.200
INF-DRWW-122K	1200	2.650	0.200
INF-DRWW-182K	1800	4.030	0.158
INF-DRWW-222K	2200	4.480	0.158
INF-DRWW-332K	3300	6.560	0.125
INF-DRWW-472K	4700	10.50	0.100

Technical Specifications

