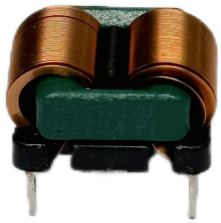
INFINITY
Nanjing Infinity Technology Co.,Ltd.

No. 55 Runfa Road,Jiangning District,Nanjing,China
Tel: +86-025-52634026
Phone & WeChat: +86 13851427688 / 15618213281
Email: inf1188@vip.sina.com



Frame Core Chokes SQ1515 Horiztontal Series

Characteristics：

- Compact Size with Low Leakage Flux due to the O-type SQ ferrite core
- Low Stray Capacitance for broad-frequency noise attenuation
- Single-Layer Winding eliminates risk of interlayer shorts
- High Normal Mode Noise Suppression
- Reduced Winding Time by up to 90%
- High Inductance achieved via proprietary ferrite mixing and sintering technology

Common Applications：

- Switching Power Supplies
- LED Drivers
- Industrial Automation
- Communication Devices
- Household Appliances
- Audio/Medical Equipment

Specifications:

- Rated Voltage: AC/DC 250V
- Operating Temperature: -40°C to +120°C
- Withstanding Voltage:
  AC 2000V for 60 sec or
  AC 2400V for 1 – 2 sec (Line-to-Line)
- Insulation Resistance: ≥100 mΩ (DC 500V)
- Temperature Rise: ≤40°C at rated current

Options：

- Bulk or Tape & Reel packaging
- Custom inductance, wire gauge, and winding configuration
- Alternative ferrite materials for tailored performance
- SMD versions available on request

Model Comparison Table

Test Condition:1KHz/0.3V AT(25°C)

Specifications and Electrical Characteristics

INF Code	Inductance	Wire Diameter	Turns	DC Resistance	Applicable Enameled Wire Diameter	Operating Current	Applicable Power
SQ1515-2mH	2mH	0.40*1.5	20	60mΩMAX	0.90	3.6～4.8A	60～430W
SQ1515-2.5mH	2.5mH	0.35*1.5	24	60mΩMAX	0.82	3.67~4.72A	60~420W
SQ1515-3mH	3mH	0.30*1.5	27	70mΩMAX	0.75	3.6~4.5A	60~400W
SQ1515-5mH	5mH	0.25*1.5	32	80mΩMAX	0.70	3.0~3.75A	60~330W
SQ1515-5mH	5mH	0.25*1.0	33	100ΩMAX	0.57	2.0~3.0A	60~270W
SQ1515-10mH	10mH	0.20*1.5	37	80ΩMAX	0.62	2.4~3.6A	60~320W
SQ1515-10mH	10mH	0.20*1.0	40	150ΩMAX	0.50	2.0~3.0A	60~270W
SQ1515-15mH	18mH	0.15*1.5	49	180ΩMAX	0.54	2.25~3.37A	60~300W
SQ1515-18mH	18mH	0.15*1.2	49	200ΩMAX	0.48	1.8~2.7A	60~240W
SQ1515-10mH	10mH	0.18*1.0	44	150ΩMAX	0.48	1.8~2.7A	60~240W
SQ1515-18mH	18mH	0.15*1.0	49	200ΩMAX	0.45	1.5~2.25A	60~200W
SQ1515-25mH	25mH	0.13*1.0	55	250ΩMAX	0.42	1.3~1.95A	60~170W
SQ1515-25mH	25mH	0.12*1.0	56	250ΩMAX	0.40	1.2~1.8A	60~160W
SQ1515-30mH	30mH	0.10*1.0	66	350ΩMAX	0.35	1.0~1.5A	60~130W

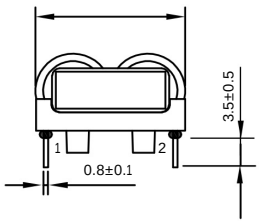
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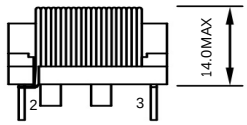
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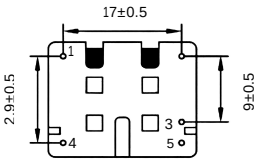
Horizontal1

Front View

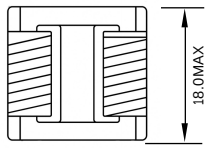


Side View





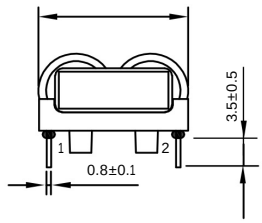
Bottom View



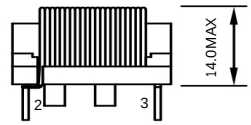
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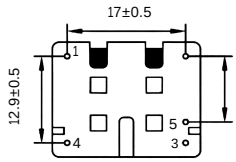
Horizontal2

Front View

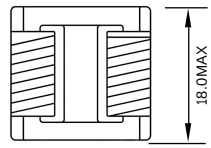


Side View





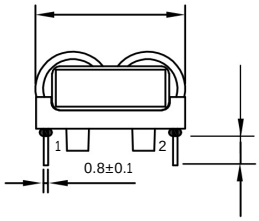
Bottom View



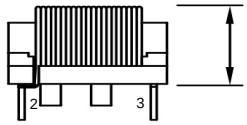
Top View

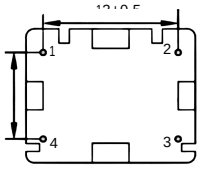
Horizontal3

Front View

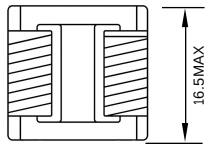


Side View





Bottom View



Top View