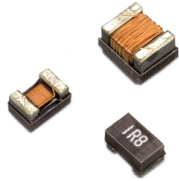


FRIHC Series

Ferrite SMD Inductor

Size 1008



CHARACTERISTICS

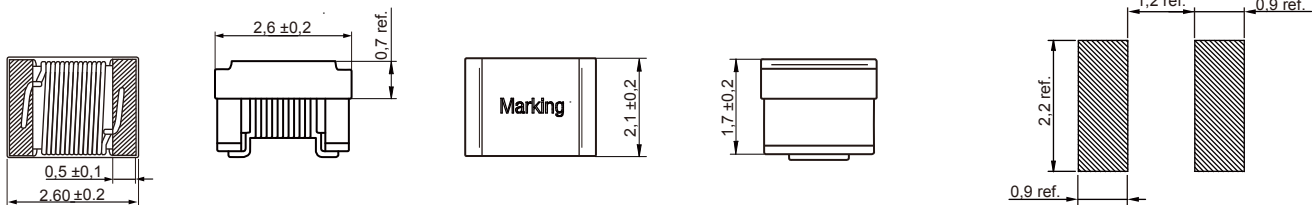
- High inductance with ferrite core
- High Q with wire wounded design
- Quantity: 2000pcs

APPLICATION

- HF application
- BIAS circuit

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

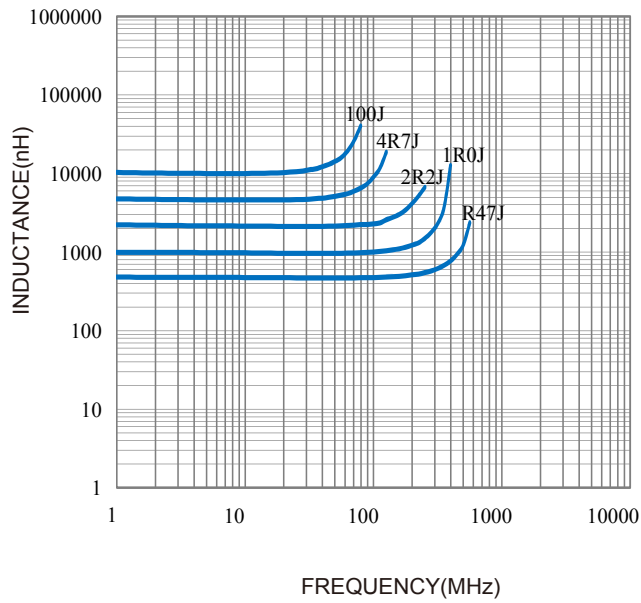
Part No	Inductance (μH)	Test Condition L (MHz)	Tolerance	Q	Test Condition Q (MHz)	Temperature Rise Current Max. (mA)	DCR Max. (Ω)	SRF Min. (MHz)
RFIHC1008-R56J	0.56	25	±5%	45	100	450	1.33	415
RFIHC1008-R82J	0.82	25	±5%	40	100	400	1.6	350
RFIHC1008-1R0J	1.0	25	±5%	30	50	370	1.7	180
RFIHC1008-1R2J	1.2	7.96	±5%	20	7.96	760	0.5	280
RFIHC1008-1R5J	1.5	7.96	±5%	20	7.96	630	0.75	250
RFIHC1008-1R8J	1.8	7.96	±5%	20	7.96	630	0.75	200
RFIHC1008-2R2J	2.2	7.96	±5%	20	7.96	520	1.1	160
RFIHC1008-2R7J	2.7	7.96	±5%	20	7.96	520	1.1	135
RFIHC1008-3R3J	3.3	7.96	±5%	20	7.96	460	1.35	120
RFIHC1008-3R9J	3.9	7.96	±5%	20	7.96	420	1.5	105
RFIHC1008-4R7J	4.7	7.96	±5%	20	7.96	400	1.65	60
RFIHC1008-5R6J	5.6	7.96	±5%	20	7.96	370	1.8	80
RFIHC1008-6R8J	6.8	7.96	±5%	20	7.96	360	2.0	70
RFIHC1008-8R2J	8.2	7.96	±5%	20	7.96	320	2.6	50
RFIHC1008-100J	10	2.52	±5%	15	2.52	300	2.8	40

Operating temperature: -40 to +85°C

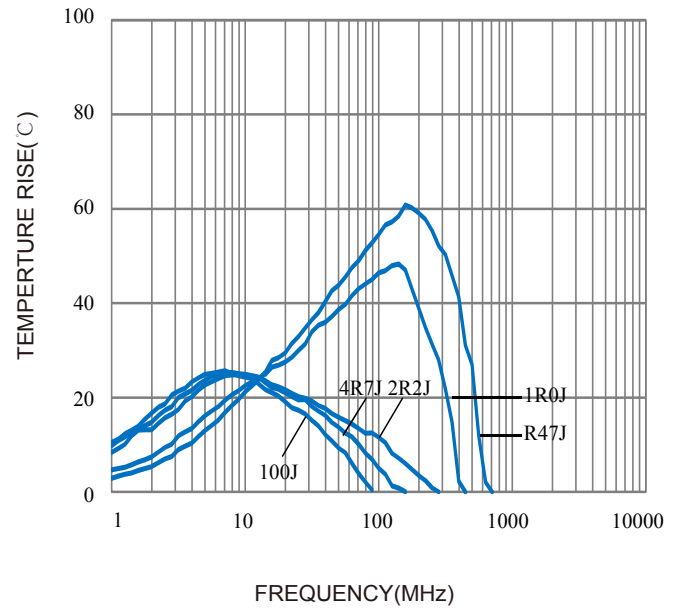
Temperature rise current : The actual value of DC current when the temperature rise is ΔT15 °C

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Temperture Rise VS. Frequency Characteristics:



1 10 100 1000 10000