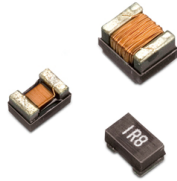


FRI Series

Ferrite SMD Inductor

Size 0805



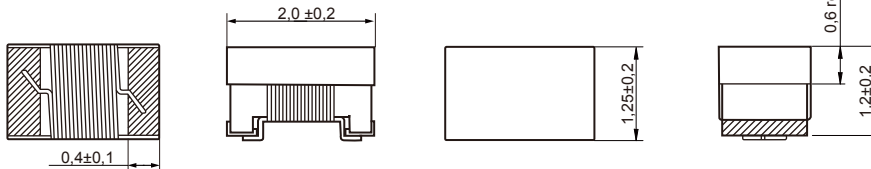
CHARACTERISTICS

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

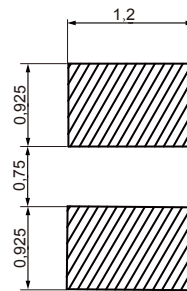
APPLICATION

- HF application
- BIAS circuit

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

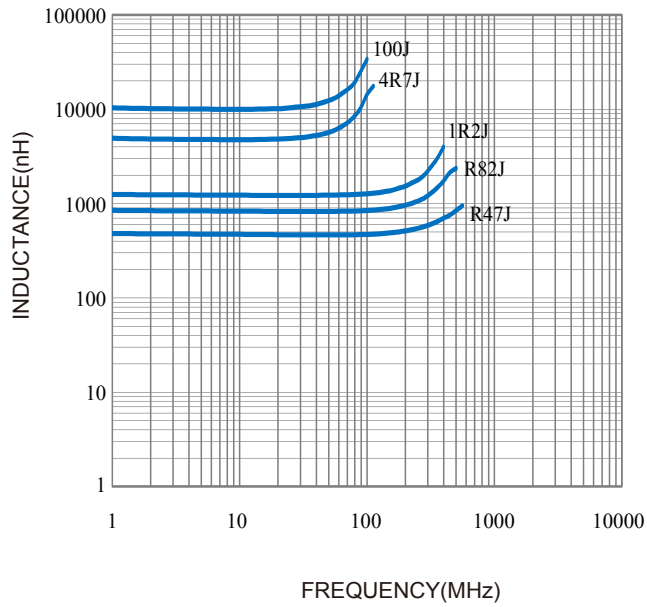
Part No	Inductance (μH)	Test Condition L (MHz)	Tolerance	Q	Test Condition Q (MHz)	Temperature Rise Current Max. (mA)	DCR Max. (Ω)	SRF Min. (MHz)
RFI0805-R47J	0.47	25.2	±5%	45	100	500	0.95	375
RFI0805-R56J	0.56	25.2	±5%	45	100	450	1.1	340
RFI0805-R68J	0.68	25.2	±5%	35	100	400	1.2	188
RFI0805-R82J	0.82	25.2	±5%	35	100	300	1.5	215
RFI0805-1R0J	1.0	25.2	±5%	15	50	180	2.13	200
RFI0805-1R2J	1.2	7.96	±5%	15	7.96	150	2.6	200
RFI0805-1R5J	1.5	7.96	±5%	15	7.96	130	2.9	200
RFI0805-1R8J	1.8	7.96	±5%	15	7.96	120	3.0	120
RFI0805-2R2J	2.2	7.96	±5%	15	7.96	110	3.1	110
RFI0805-2R7J	2.7	7.96	±5%	15	7.96	100	3.5	100
RFI0805-3R3J	3.3	7.96	±5%	15	7.96	210	2.3	70
RFI0805-3R9J	3.9	7.96	±5%	15	7.96	200	2.5	60
RFI0805-4R7J	4.7	7.96	±5%	15	7.96	180	2.8	50
RFI0805-5R6J	5.6	7.96	±5%	15	7.96	160	3.0	45
RFI0805-6R8J	6.8	7.96	±5%	15	7.96	130	3.2	45
RFI0805-8R2J	8.2	7.96	±5%	15	7.96	120	3.5	40
RFI0805-100J	10.0	2.52	±5%	15	2.52	80	5.0	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:

