SDRH124 Series

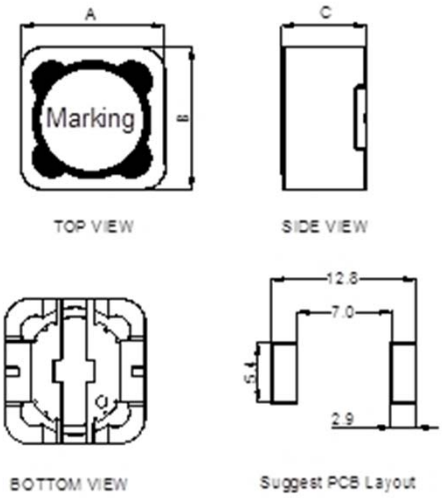
1. Features:

- Ferrite based SMD Inductor with lower core loss.
- Inductance Range: 2.4uH to 330.0uH. Custom values welcomed.
- High current output chokes, up to 6.5 Amp with 25% roll off.
- Footprint 12.5 x 12.5mm Max.
- Ideal for LCD Driver, DSC/DVC, Notebook PC or High Density Board Design.
- Quantity Per Reel: 750 pcs per 13" Reel
- Operating Temperature Range -55°C to + 130°C

2. Electrical Characteristics:

Part Number	Test Condition	Inductance (uH)	Tolerance (%)	DCR (mΩ) Max.	Rated Current (A)
SDRH124-2R4M,NHF	100KHz/0.3V	2.4	±20,±30	14.0	4.90
SDRH124-3R3M,NHF	100KHz/0.3V	3.3	±20,±30	15.0	6.50
SDRH124-4R7M,NHF	100KHz/0.3V	4.7	±20,±30	18.0	5.70
SDRH124-6R8M,NHF	100KHz/0.3V	6.8	±20,±30	23.0	4.90
SDRH124-8R2M,NHF	100KHz/0.3V	8.2	±20,±30	26.0	4.60
SDRH124-100MHF	1KHz/0.3V	10.0	±20	28.0	4.50
SDRH124-120MHF	1KHz/0.3V	12.0	±20	38.0	4.00
SDRH124-150MHF	1KHz/0.3V	15.0	±20	50.0	3.20
SDRH124-180MHF	1KHz/0.3V	18.0	±20	57.0	3.10
SDRH124-220MHF	1KHz/0.3V	22.0	±20	66.0	2.90
SDRH124-270MHF	1KHz/0.3V	27.0	±20	80.0	2.80
SDRH124-330MHF	1KHz/0.3V	33.0	±20	97.0	2.70
SDRH124-390MHF	1KHz/0.3V	39.0	±20	132.0	2.10
SDRH124-470MHF	1KHz/0.3V	47.0	±20	160.0	1.90
SDRH124-560MHF	1KHz/0.3V	56.0	±20	190.0	1.80
SDRH124-680MHF	1KHz/0.3V	68.0	±20	220.0	1.50
SDRH124-820MHF	1KHz/0.3V	82.0	±20	260.0	1.30
SDRH124-101MHF	1KHz/0.3V	100.0	±20	308.0	1.20
SDRH124-121MHF	1KHz/0.3V	120.0	±20	380.0	1.10
SDRH124-151MHF	1KHz/0.3V	150.0	±20	530.0	0.95
SDRH124-181MHF	1KHz/0.3V	180.0	±20	620.0	0.85
SDRH124-221MHF	1KHz/0.3V	220.0	±20	700.0	0.80
SDRH124-271MHF	1KHz/0.3V	270.0	±20	870.0	0.60
SDRH124-331MHF	1KHz/0.3V	330.0	±20	990.0	0.50

3. Mechanical Dimensions (unit:mm):



A Max.	B Max.	C Max.
12.5	12.5	4.5

Notes:

1. Inductance is measured with a LCR meter:WK3260B&WK3265B or equivalent.
2. DCR is measured with a Digital Multimeter TH2512B or equivalent.
3. Rated Current: The rated current is the current at which the inductance decreases by 25% from the initial value or the temperature rise is ΔT=40°C, whichever is smaller; (Ta=20°C)

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