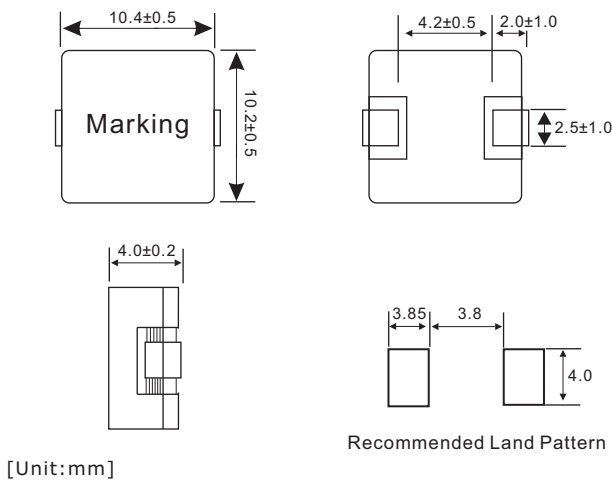


SMD High Current Inductors

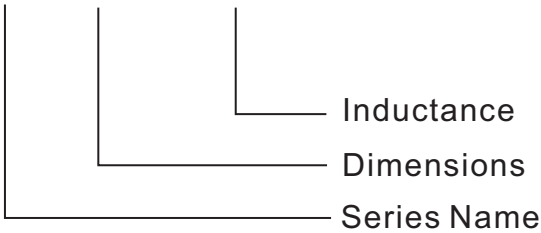


Description

- Shielded construction: Excellent resistance to electro magnetic interference(EMI)
- Flat wire winding, achieve a low DCR.
- Low loss,high efficiency,wide application frequency and application scope.
- Lightweight design, save space,suitable for high density SMT.
- Operating temperature: -40°C~+150°C.
- AEC-Q200 compliance.

Part Number Code

DHIQ1004-R15N



Electrical Specifications

Part Number	Inductance(uH)		DCR (mΩ) (±10%)	Irms(Max) (A)	Isat(Max) (A)
	(±20%)	Typ.			
DHIQ1004-R15N	0.15±30%	0.13	0.58	25.0	36.0
DHIQ1004-R34M	0.34	0.27	1.10	24.0	35.0
DHIQ1004-R62M	0.62	0.47	1.71	21.0	19.0
DHIQ1004-1R0M	1.00	0.73	3.30	14.0	17.0
DHIQ1004-1R5M	1.50	1.10	5.2	13.0	12.0
DHIQ1004-2R0M	2.00	1.55	7.3	10.5	11.0
DHIQ1004-2R8M	2.80	2.10	10.6	9.00	10.5
DHIQ1004-4R3M	4.30	3.20	14.1	7.5	9.5
DHIQ1004-5R6M	5.60	4.10	21.1	6.0	8.3

- The Isat indicates the value of DC current is approximately 30% lower than its initial value of inductance.
- Δ T=40°C, approximately under the temperature rise current.
- Inductance Tested at 100KHz, 1Vrms