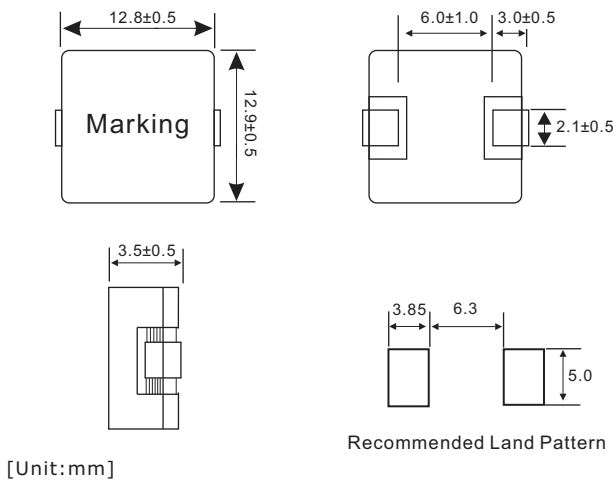


SMD High Current Inductors

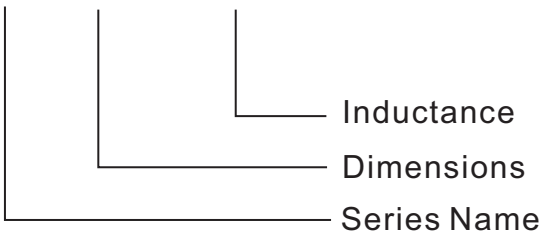


Description

- 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

DHIQ1304-R70M



Electrical Specifications

Part Number	Inductance(uH)		DCR (mΩ) (±10%)	IDC (A)
	(±20%)	Typ.		
DHIQ1304-R70N	0.70	0.67	2.90	18.0
DHIQ1304-1R8M	1.80	1.50	4.30	13.5
DHIQ1304-2R7M	2.70	2.16	5.80	12.0
DHIQ1304-3R7M	3.70	2.97	8.00	10.5
DHIQ1304-4R7M	4.70	3.90	14	8.5
DHIQ1304-6R8M	6.80	5.60	23	6.0
DHIQ1304-8R2M	8.20	6.80	25	5.7

- 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

Inductance VS DC Bias:

