

NAN Series

Mini Power Inductors

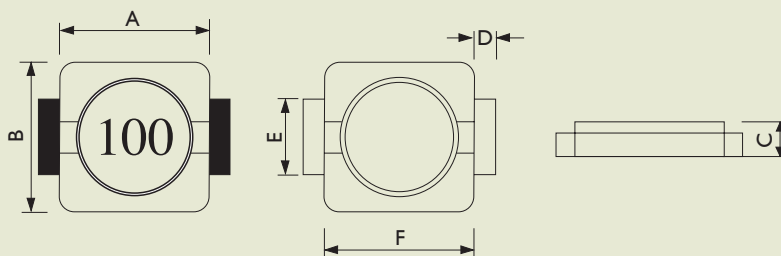
ELECTRICAL CHARACTERISTICS : LEAD-FREE & ROHS COMPLIANCE

TYPE	Inductance L(μ H) ¹	DCR (Ω) MAX.	IDC (mA) MAX. ²
NAN0612T-1R2M-N	1.20	0.060	1800
NAN0612T-2R2M-N	2.20	0.125	1200
NAN0612T-3R3M-N	3.30	0.155	960.0
NAN0612T-4R7M-N	4.70	0.206	900.0
NAN0612T-6R8M-N	6.80	0.240	800.0
NAN0612T-100M-N	10.0	0.370	700.0
NAN0612T-150M-N	15.0	0.460	600.0
NAN0612T-180M-N	18.0	0.580	560.0
NAN0612T-220M-N	22.0	0.668	500.0
NAN0612T-270M-N	27.0	0.950	450.0
NAN0612T-330M-N	33.0	1.100	420.0
NAN0612T-390M-N	39.0	1.280	380.0
NAN0612T-470M-N	47.0	1.380	340.0
NAN0612T-560M-N	56.0	1.700	300.0
NAN0612T-680M-N	68.0	2.100	280.0
NAN0612T-820M-N	82.0	2.700	260.0
NAN0612T-101M-N	100.0	3.100	235.0

1. Test Frequency 100KHZ / 0.1Vrms.
2. DC current at which the Inductance drops 10%(typ) from its value without current.
3. Operating Temperature Range -40°C to 85°C
4. Electrical specification at 25°C
5. Inductance : M : $\pm 20\%$

SHAPE AND DIMENSIONS

Dimensions : mm



TYPE	A	B	C	D	E	F	G	H	I
NAN0612	6.6	5.3 \pm 0.3	1.2	0.9	3.0	4.5	4.0	1.0	2.3



(NAN0612)

FEATURES

Very low profile.

Constructed enclosed in a rugged to provide optimum pick and place operations.

High inductance & high current ultra low profile power inductors.

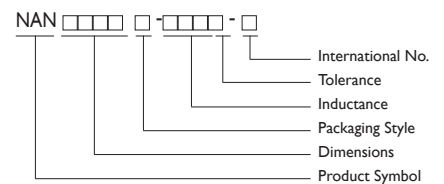
APPLICATIONS

DC to DC converter

LCD

Mobile telephone

PRODUCT IDENTIFICATION



LAND PATTERNS PCB

