CHIP POWER INDUCTORS

CPI1608NHQ Series

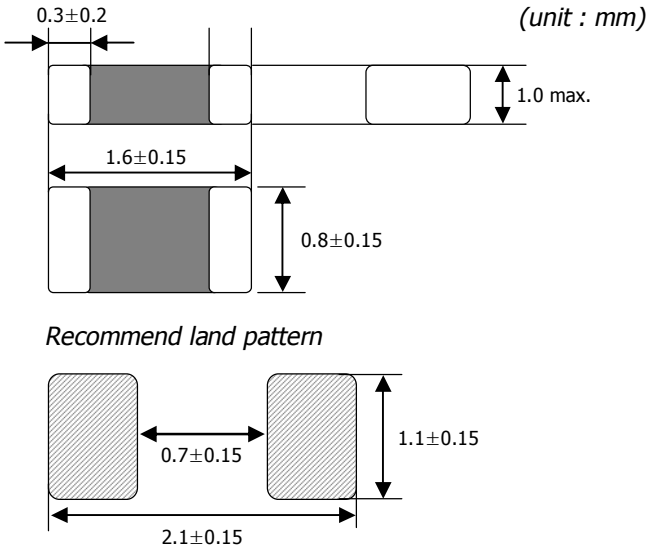
❖ Features

- Small size (1.6 mm x 0.8 mm, 1.0 mm height)
- Large rated current (0.8A @ 1.0uH)
- Magnetically shielded
- High efficiency (Inductive Energy)
- Fast mounting speed
- RoHS compliant

❖ Applications

- DC-DC converter circuits for mobile equipment

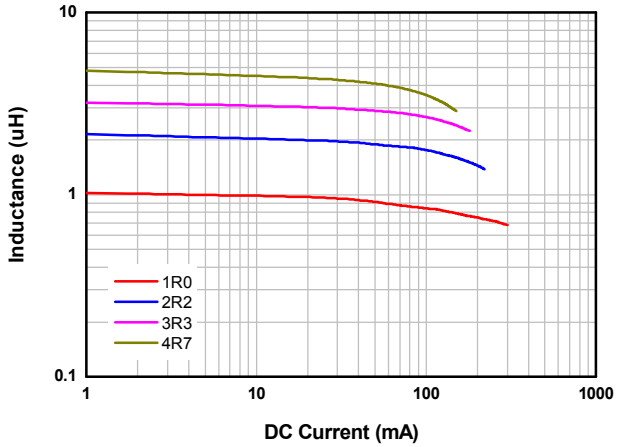
❖ Dimensions & Land pattern



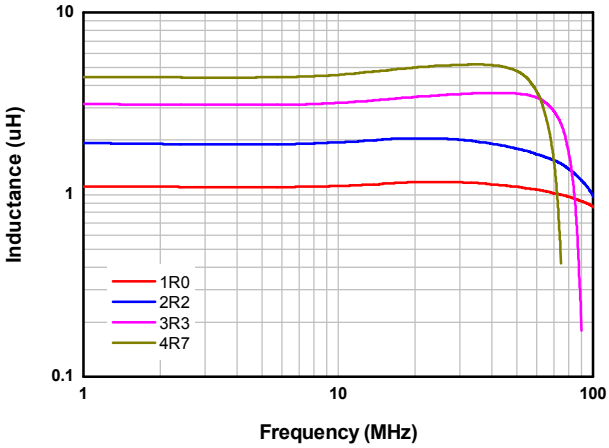
❖ Characteristics

Part Number	Inductance at 1 MHz		DC Resistance		Rated Current (A)
	(μH)	Tolerance	(Ω)	Tolerance	ΔT=40deg.C
CPI1608NHQ1R0MT	1.0	± 20%	0.20	± 30%	0.80
CPI1608NHQ2R2MT	2.2		0.35		0.70
CPI1608NHQ3R3MT	3.3		0.50		0.65
CPI1608NHQ4R7MT	4.7		0.60		0.60

Inductance vs. DC Current



Inductance vs. Frequency



This description in the this catalogue is subject to change without notice