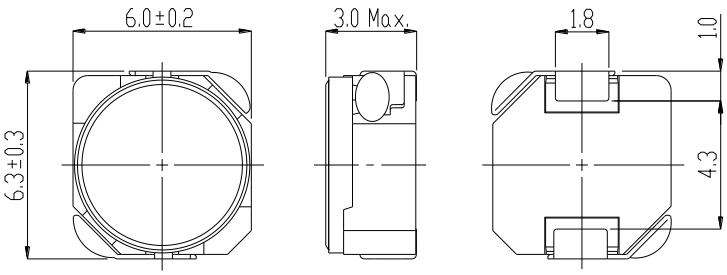
SMD Power Inductor
CDMPIH60D28

RoHS

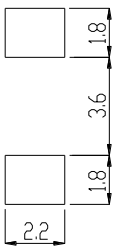


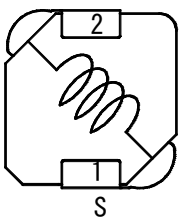
Description
- Ferrite core construction.
- Magnetically shielded .
- Lower flux leakage.
- L × W × H: 6.6 × 6.2 × 3.0 mm Max.
- Product weight:0.39 g (Ref.)
- Moisture Sensitivity Level: 1
- RoHS compliance.

Dimension - [mm]



Land pattern and Schematics - [mm]





Environmental Data
- Operating temperature range: -40℃～+105℃ (including coil's self temperature rise)
- Storage temperature range: -40℃～+105℃
- Solder reflow temperature: 260 ℃ peak.

Packaging
- Carrier tape and reel packaging.
- 13.0"diameter reel
- 1500pcs per reel

Applications
- Ideally used in filter choke of camera lens etc.

Revised: 20-Mar-24

Electrical Characteristics

Part No.	Stamp	Inductance (μH) [Within] ※1	D.C.R.(mΩ) [Within] (at 20℃)	Saturation current (A)※3		Temperature rise current (A) ※4
				(at 20℃)	(at 105℃)	
CDMPIH60D28NP-2R2PC	2R2	2.2±25%	42(33)	5.20	4.30	2.70
CDMPIH60D28NP-3R6PC	3R6	3.6±25%	52(42)	4.10	3.40	2.40
CDMPIH60D28NP-4R3PC	4R3	4.3±25%	56(45)	3.70	3.00	2.35
CDMPIH60D28NP-6R8PC	6R8	6.8±25%	85(68)	2.85	2.30	1.85
CDMPIH60D28NP-100MC	100	10±20%	130(105)	2.40	2.00	1.45
CDMPIH60D28NP-150MC	150	15±20%	200(160)	2.00	1.60	1.15
CDMPIH60D28NP-220MC	220	22±20%	293(234)	1.60	1.30	0.90
CDMPIH60D28NP-330MC	330	33±20%	412(330)	1.30	1.10	0.75

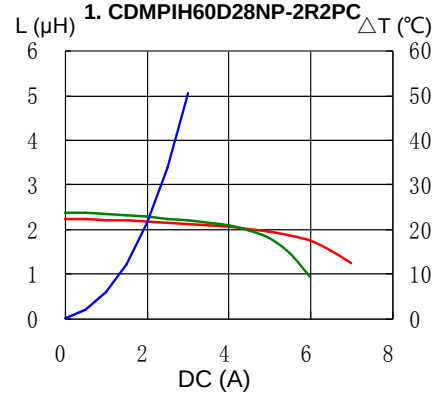
※1. Measuring condition: at 100kHz.

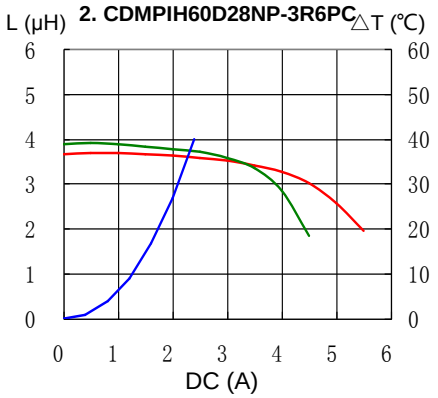
※2. Saturation current: The value of D.C. current when the inductance decreases to 65% of it's nominal value.

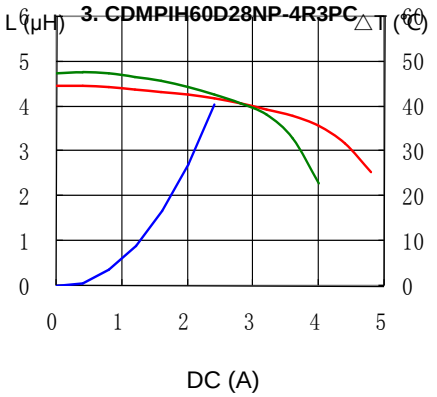
※3. Temperature rise current: The actual value of D.C. current when the temperature rise is △t=40℃(Ta=20℃).

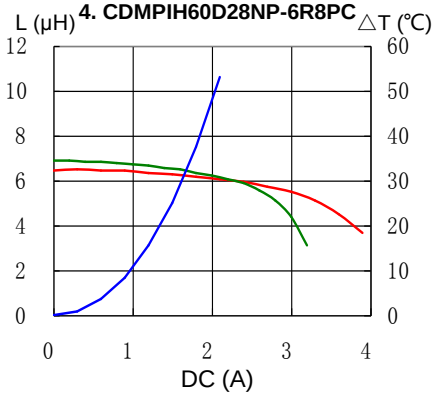
Saturation Current & Temperature Rise Graph

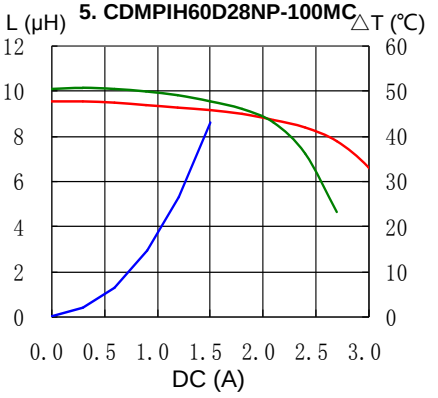
L (20℃) L (105℃) △T

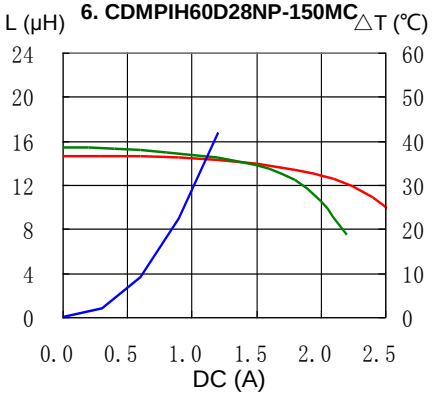




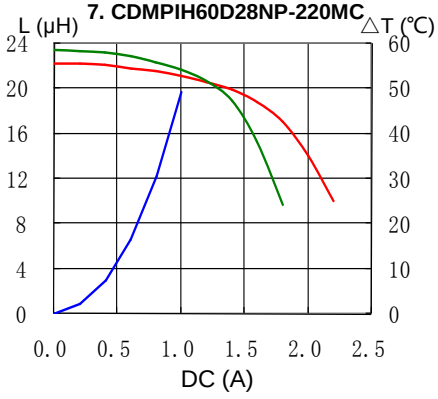




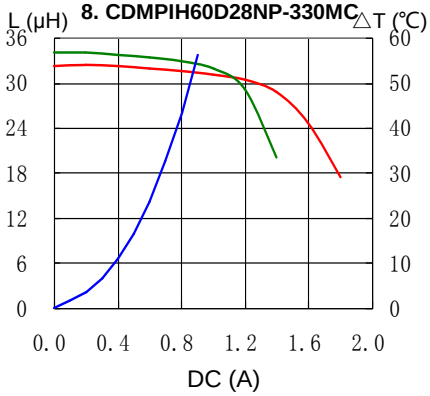




7. CDMPIH60D28NP-220MC

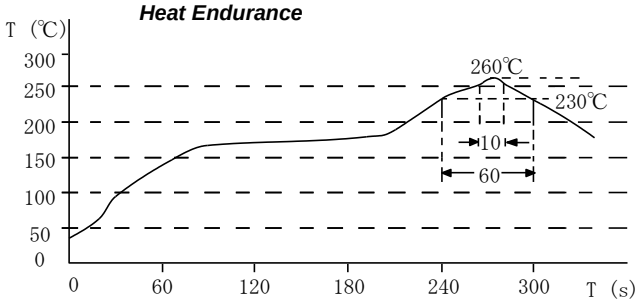


8. CDMPIH60D28NP-330MC

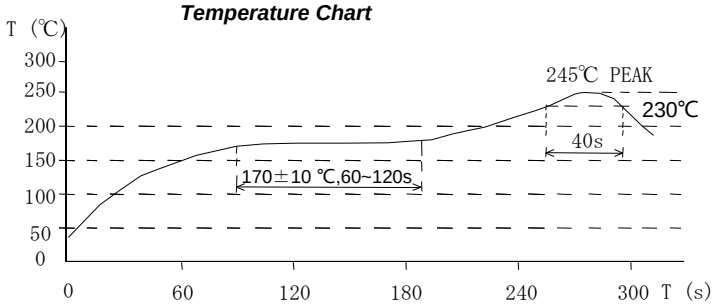


Solder Reflow Condition

Heat Endurance



Temperature Chart



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