

# SMD Power Inductor CDMPIH60D28



Halogen Free



## 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.
- Halogen Free available.

## Environmental Data

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

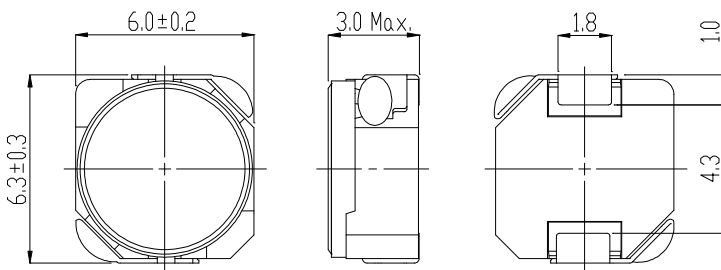
## Packaging

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

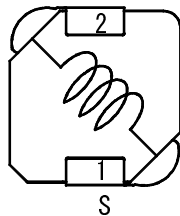
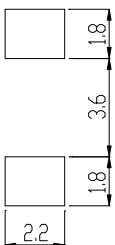
## Applications

- Ideally used in filter choke of camera lens etc.

## Dimension - [mm]



## Land pattern and Schematics - [mm]



## Electrical Characteristics

Part No.	Stamp	Inductance (μH) [Within] ※1	D.C.R. (mΩ) [Within](Typ.) (at 20°C)	Saturation current (A) ※2		Temperature rise current (A) ※3
				at 20°C	at 105°C	
CDMPIH60D28NP-150MC	150	15±20%	200(160)	2.00	1.60	1.15

※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.

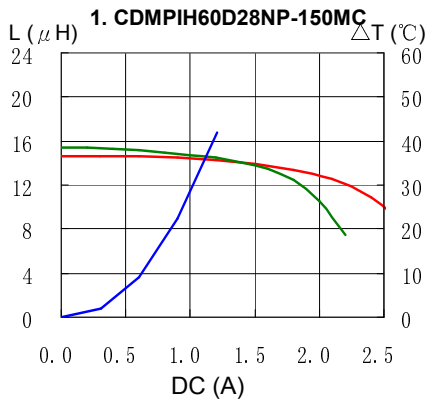
※3. Temperature rise current: The value of D.C. current when the temperature rise is  $\Delta t=40^{\circ}\text{C}$  ( $T_a=20^{\circ}\text{C}$ ).

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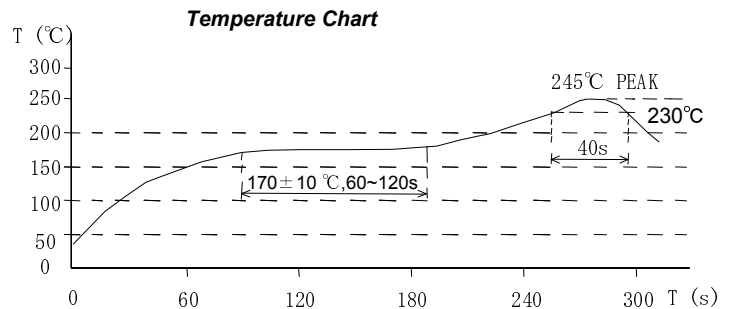
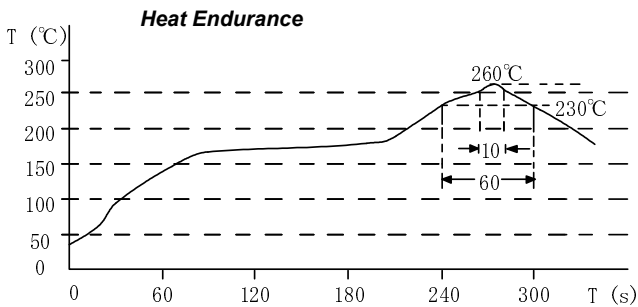


## Saturation Current & Temperature Rise Graph

— L (20°C) — L (105°C) —  $\Delta T$



## Solder Reflow Condition



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