

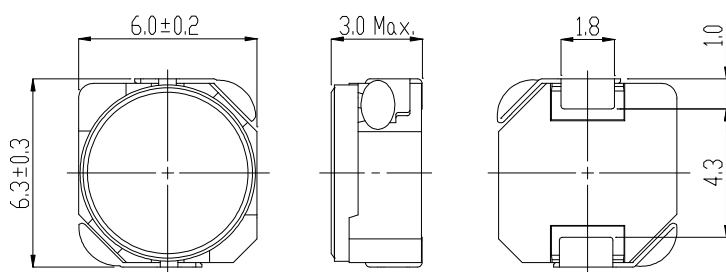
SMD Power Inductor CDMPIH60D28



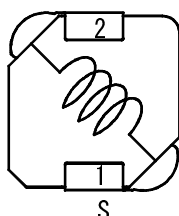
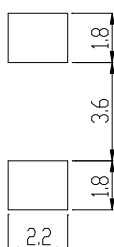
**Halogen
Free**



Dimension - [mm]



Land pattern and Schematics - [mm]



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: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$ (including coil's self temperature rise)
- Storage temperature range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- 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.

Electrical Characteristics

Part No.	Stamp	Inductance (μH) [Within] ※1	D.C.R. ($\text{m}\Omega$) [Within](Typ.) (at 20°C)	Saturation current (A) ※2		Temperature rise current (A) ※3
				at 20°C	at 105°C	
CDMPIH60D28NP-150MC	150	$15 \pm 20\%$	200(160)	2.00	1.60	1.15

※1. Measuring condition: at 100kHz.

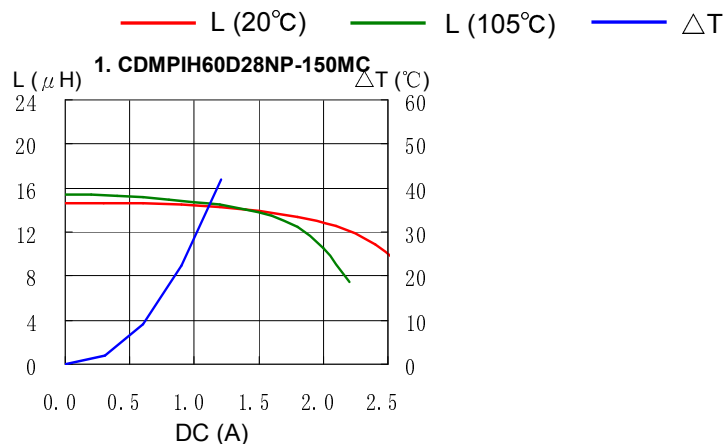
※2. Saturation current: The value of D.C. current when the inductance decreases to 65% of it's nominal value.

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

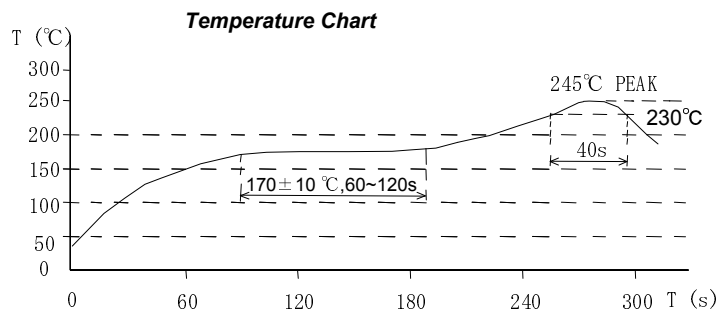
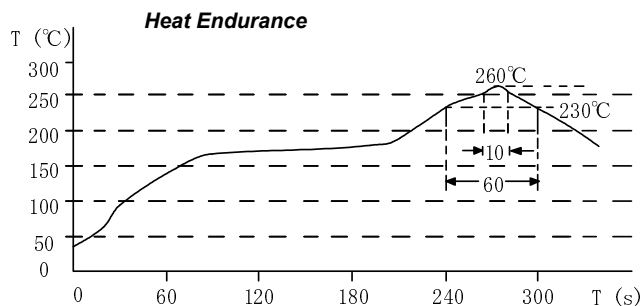
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Saturation Current & Temperature Rise Graph



Solder Reflow Condition



Please refer to the sales offices on our website - <http://www.sumida.com>

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