

# SHIELDED SMD POWER INDUCTOR

## HR 1598 062/073/129 Series

www.efiter.com

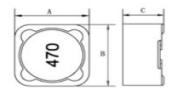
home>>index

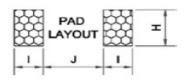


### **Aplications:**

- DC/DC converters fo CPU.
- High power . High saturation inductors.
- Thin types on-board power supply module for exchanger.
- Saturation Current (Isat): The current will cause L to drop approximately 30% typical.
- Temperature Rise Current (Irms):The current will be cause the temperature coil rise approximately Δt=40°C
- Operating temperature: -40°C to +105°C
- All parts meet ROHS compliance

#### **Shape and Dimensions**





MODEL	Α	В	С	Н	I	J
HR 1598 062	6.2±0.2	6.3±0.2	3	1.9	1.4	4.6
HR 1598 073	7.3±0.2	6.3±0.2	3.4	2.2	1.6	4.8
HR 1598 129	12.3±0.2	6.3±0.2	10.0	5.4	2.9	7.0

- All measures are in mm.
- Wire wound SMD inductors.
- Low loss realized with low DCR.
- Shielded construction.
- Referenced ambient at 20° C.
- Test Condition: 1MHz, 1.0Vrms.
- I sat(Typ): DC current (a) that will cause L0 to drop approximately 30 %.
- I sat(Max): DC current (a) that will cause L0 to drop 30 % max.
- I rms(Typ): DC current (a) that will cause an approximate ΔT of 40°C.
- I rms(Max): DC current (a) that will cause an ΔT of 40°C max.
- SMD 2520VP / 3225VP /3225 VH are low RDC.

#### **Product Identification**

<u>HR 1598</u>	<u>.062</u>	<u>-470</u>	<u>N</u>
•(1)	•(2)	•(3)	•(4)

**Product Identification:** 

- •(1) Sourface Mountable Type
- •(2) Dimensions: Style 062
- •(3) Inductance: Example: 470 for 47uH.
- •(4) Inductance tolerance:M:±20%.