

SMD HIGH CURRENT POWER BEAD INDUCTOR



MODEL NO. : SPB-04560 HF SERIES

FEATURES:

- * SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- * PICK AND PLACE COMPATIBLE.
- * TAPE AND REEL PACKING.
- * FREQUENCY RANGE:UP TO 2 MHz.
- * COMPLIANT WITH RoHS AND HALOGEN FREE.



APPLICATION :

- * SERVERS.
- * MOTHERBOARD.
- * VGA CARD.

ELECTRICAL SPECIFICATION:

| PART NO | INDUCTANCE @ 0 ADC (nH) ±20% | DCR (mΩ)±10% | INDUCTANCE @SAT CURRENT (nH) Min | RATED CURRENT (ADC) | SATURATION CURRENT (ADC) (NOTE 2) | TEMPERATURE RISE CURRENT (ADC) |
|--------------------|------------------------------|--------------|----------------------------------|---------------------|-----------------------------------|--------------------------------|
| SPB-04560-R10-2 HF | 100 | 0.30 | 70 | 40 | 16 | 40 |

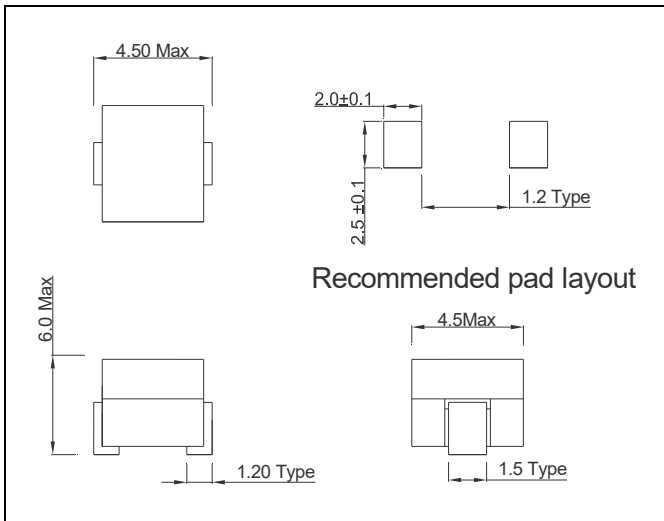
NOTE(1) : Test frequency: 100 KHz,0.1Vrms.

NOTE(2) : The saturation current indicates the value of DC current is approximately 20% lower than its initial value of inductance.

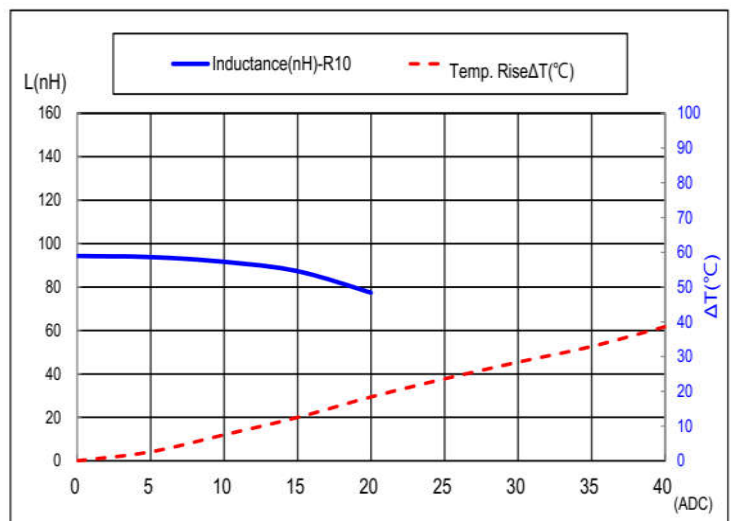
NOTE(3) : ΔT=40°C approximately under the temperature rise current.

NOTE(4): Operating temperature range: -40°C ~+150°C.

PHYSICAL DIMENSION : (UNIT:mm)



INDUCTANCE /TEMPERATURE RISE VS DC BIAS



PACKAGING SPEC:

1. REEL SIZE & UNITS PER REEL :13",700PCS.
2. TAPE WIDTH:12mm.
3. REEL WIDTH:16.2mm.
4. COMPONENT PITCH:12mm