

SMD HIGH CURRENT POWER BEAD INDUCTOR



MODEL NO. : SPB-05546 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-05546-R035-2 HF	35	0.20	24	30	65	30
SPB-05546-R055-2 HF	55	0.20	35	30	50	30
SPB-05546-R080-2 HF	80	0.20	56	30	35	30

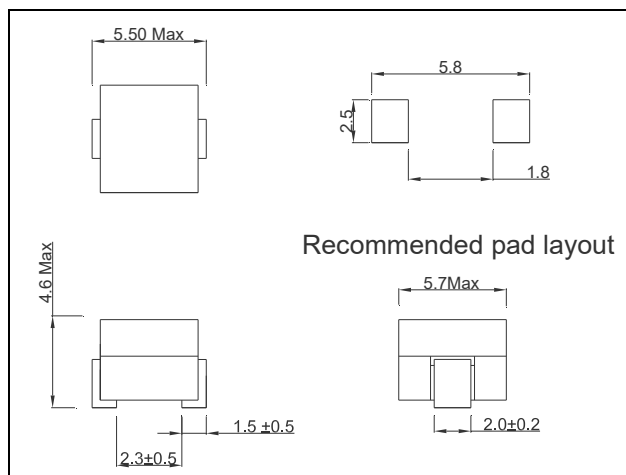
NOTE(1) : Test frequency: 100 KHZ,0.1Vrms.

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

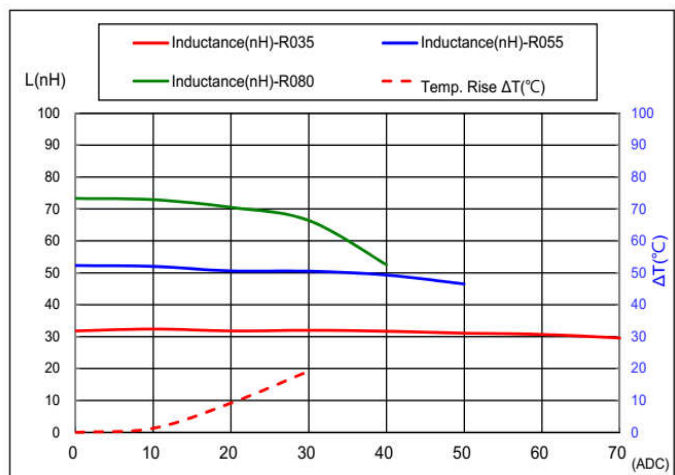
NOTE(3) : ΔT=45°C approximately under the temperature rise current.

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",800PCS.
2. TAPE WIDTH:12mm.
3. REEL WIDTH:16.2mm.
4. COMPONENT PITCH:12mm