

SMD HIGH CURRENT POWER BEAD INDUCTOR



MODEL NO. : SPB-12585 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 (uH) ±15%	DCR (mΩ) ±10%	INDUCTANCE @SAT. CURRENT (uH) Min	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-12585-R47-2 HF	0.47	2.30	0.34	25	40	25
SPB-12585-R60-2 HF	0.60	2.30	0.43	25	32	25
SPB-12585-1R0-2 HF	1.00	2.30	0.72	25	25	25

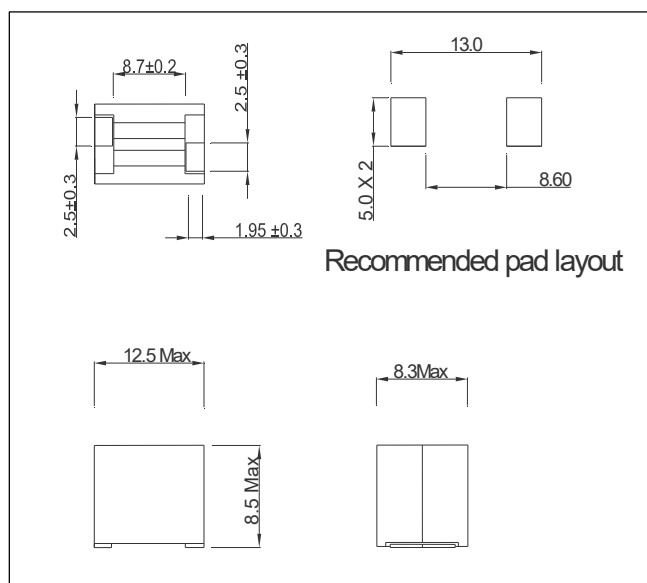
NOTE(1) : Test frequency: 100 KHZ,0.1Vrms.

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

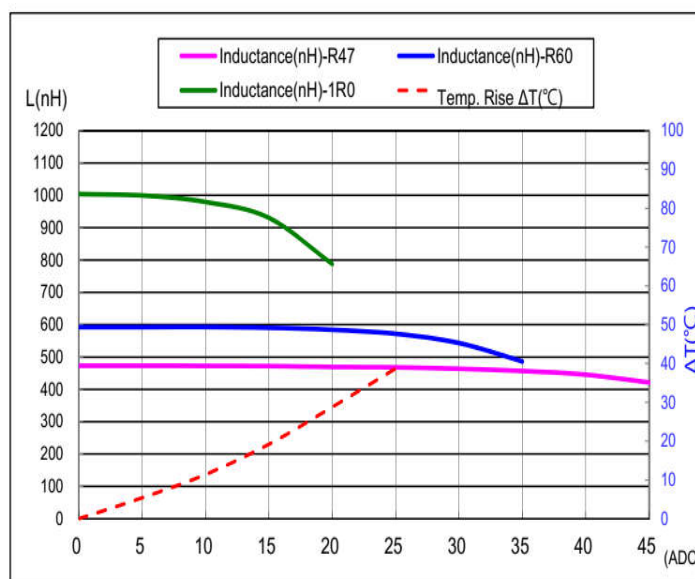
NOTE(3) : $\Delta T=40^{\circ}\text{C}$ approximately under the temperature rise current.

NOTE(4): Operating temperature range: $-40^{\circ}\text{C}\sim+150^{\circ}\text{C}$.

PHYSICAL DIMENSION : (UNIT:mm)



INDUCTANCE /TEMPERATURE RISE VS DC BIAS:



PACKAGING SPEC:

1. REEL SIZE & UNITS PER REEL :13",400PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:16mm