

SMD HIGH CURRENT POWER BEAD INDUCTOR

MODEL NO. : SPB-14035 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 @RATED CURRENT (nH) ±20%	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)	HEIGHT
SPB-14035-R12-2 HF	120	0.3	118	40	52	40	4.0 MAX
SPB-14035-R18-2 HF	180	0.3	178	40	45	40	4.0 MAX
SPB-14035-R22-2 HF	220	0.3	198	40	42	40	3.5 MAX

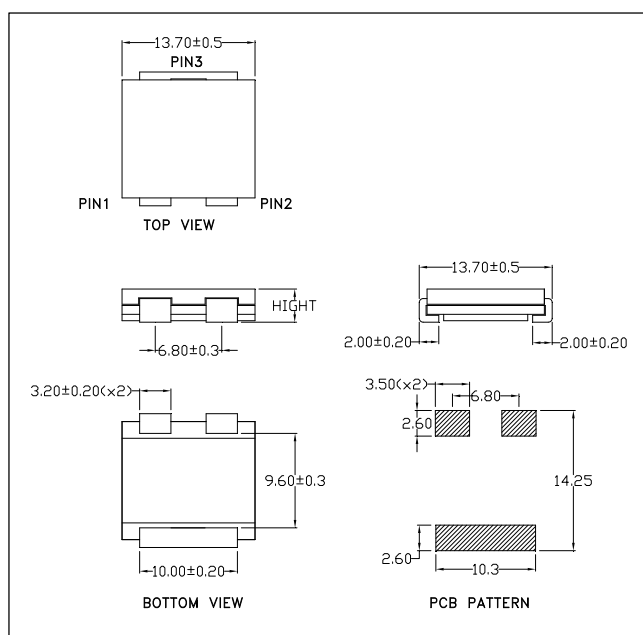
NOTE(1) : Test frequency: 100 KHz,0.1Vrms.

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

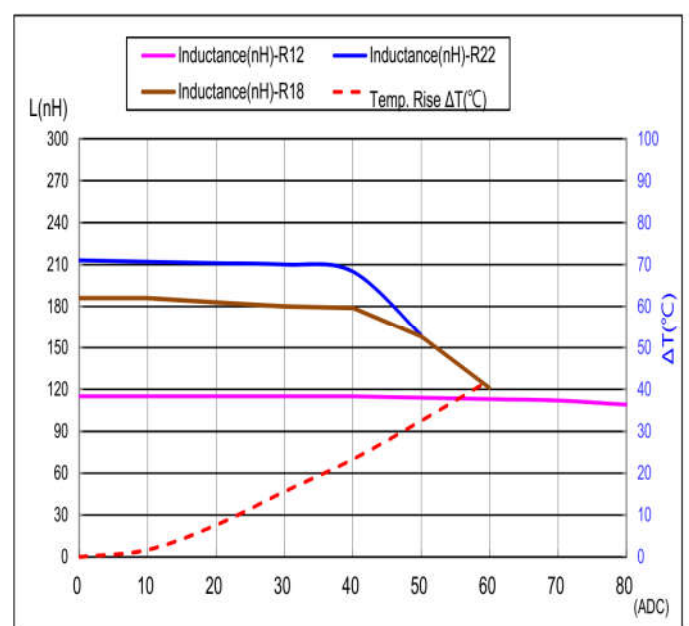
NOTE(3) : ΔT=40°C approximately under the temperature rise current.

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",500PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:24mm