

SMD HIGH CURRENT POWER BEAD INDUCTOR



MODEL NO. : SPB-12057 HF SERIES

FEATURES:

- * SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- * PICK AND PLACE COMPATIBLE.
- * TAPE AND REEL PACKING.
- * FREQUENCY RANGE:UP TO 3 MHz.
- * COMPLIANT WITH RoHS AND HALOGEN FREE.



APPLICATION :

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

ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE @ 0 ADC (nH) ±20%	DCR +/-5% (mΩ)	INDUCTANCE @RATED CURRENT (nH) ±20%	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-12057-R08-2 HF	80	0.10	72	78	156	78
SPB-12057-R10-2 HF	100	0.10	90	78	125	78
SPB-12057-R12-2 HF	120	0.10	108	78	105	78
SPB-12057-R15-2 HF	150	0.10	135	78	83	78
SPB-12057-R22-2 HF	220	0.10	198	78	62	78
SPB-12057-R33-2 HF	330	0.10	297	78	36	78

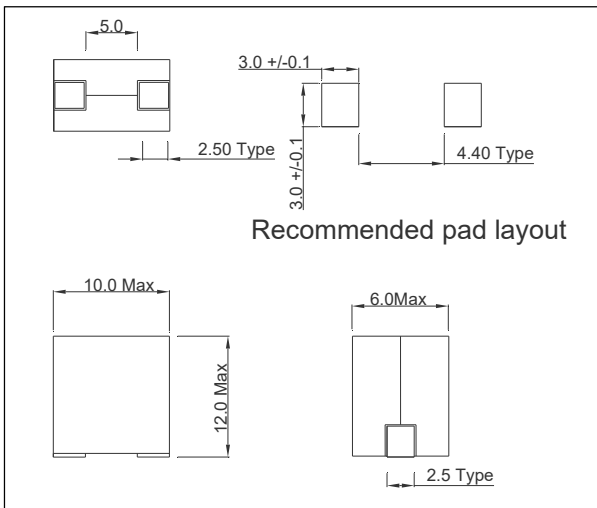
NOTE(1) : Test frequency: 100 KHz,0.1Vrms.

NOTE(2) : The saturation current indicates the value of DC current is approximately 20% lower than its initial value of inductance at 25°C.

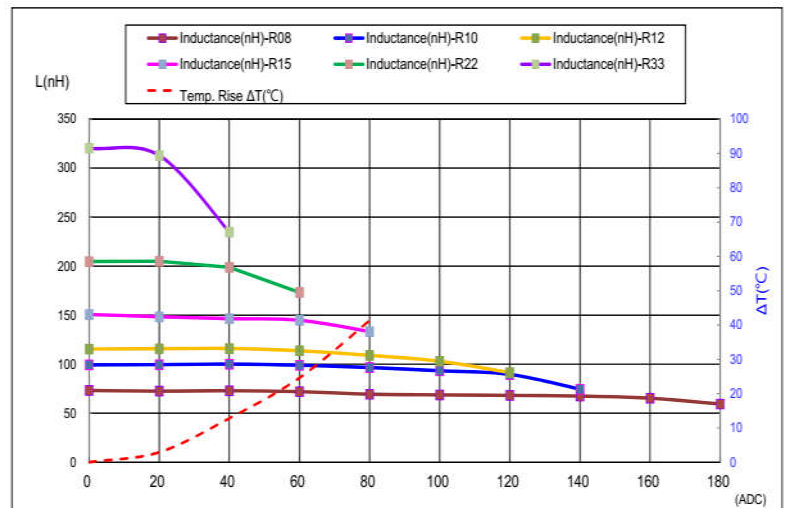
NOTE(3) : ΔT=40°C approximately under the temperature rise current.

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",300PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:16mm