

SMD HIGH CURRENT POWER BEAD INDUCTOR

MODEL NO. : SPB-06030A 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) Typical	INDUCTANCE @RATED CURRENT (nH) ±20%	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-06030A-R050-2 HF	50	0.123	45	40	50	40
SPB-06030A-R064-2 HF	64	0.123	57.6	40	32	40
SPB-06030A-R082-2 HF	82	0.123	74	40	26	40
SPB-06030A-R10-2 HF	100	0.123	90	40	22	40
SPB-06030A-R12-2 HF	120	0.123	108	40	18	40

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

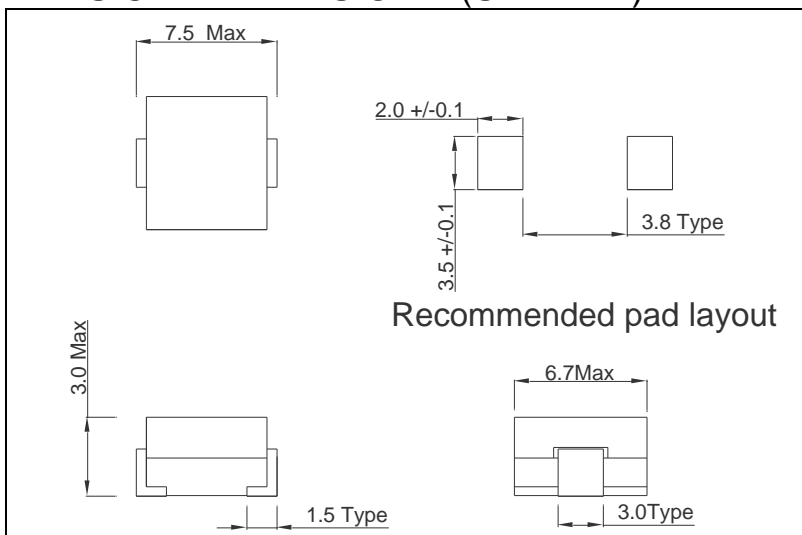
NOTE(2) : The saturation current indicates the value of DC current is approximately 20% lower than its initial value of inductance.

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",1000PCS.
2. TAPE WIDTH:16mm.
3. REEL WIDTH:22.4mm.
4. COMPONENT PITCH:12mm