

SMD HIGH CURRENT POWER BEAD INDUCTOR

MODEL NO. : SPB-10107 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) ±15%	DCR +/-10% (mΩ)	INDUCTANCE @SAT CURRENT (nH) Min	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-10107-R33-2 HF	330	0.81	231	30	65	30
SPB-10107-R47-2 HF	470	0.81	329	30	48	30
SPB-10107-R68-2 HF	680	0.81	476	30	34	30
SPB-10107-R82-2 HF	820	0.81	574	30	28	30
SPB-10107-1R0-2 HF	1000	0.81	700	30	23	30
SPB-10107-1R2-2 HF	1200	0.81	840	30	20	30
SPB-10107-1R4-2 HF	1400	0.81	980	30	16	30
SPB-10107-1R6-2 HF	1600	0.81	1120	30	14	30

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

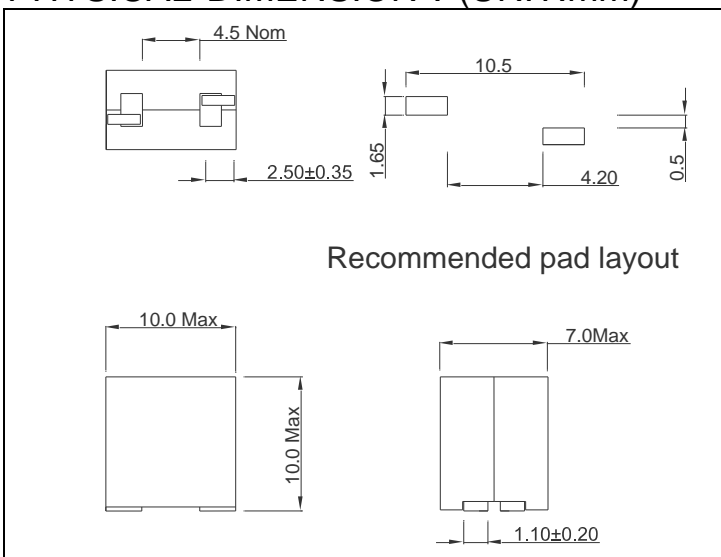
NOTE(2) : The saturation current indicates the value of DC current is approximately 20% lower than its initial value of inductance at 25°C..

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",750PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:12mm