

SMD HIGH CURRENT POWER BEAD INDUCTOR

MODEL NO. : SPB-10046 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 +/-10% (mΩ)	INDUCTANCE @RATED CURRENT (nH) ±20%	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-10046-R07-2 HF	70	0.23	63	70	93	70
SPB-10046-R10-2 HF	100	0.23	90	70	70	70
SPB-10046-R12-2 HF	120	0.23	108	70	55	70
SPB-10046-R15-2 HF	150	0.23	135	45	45	45
SPB-10046-R22-2 HF	220	0.23	198	30	30	30
SPB-10046-R33-2 HF	330	0.23	297	20	20	20

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

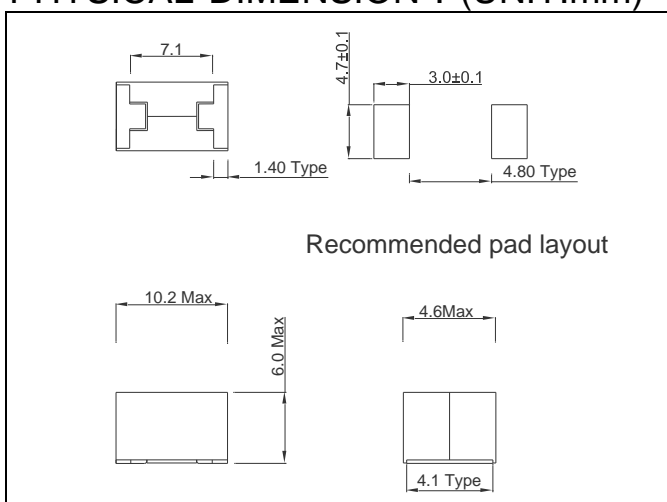
NOTE(2) : The saturation current indicates the value of DC current is approximately 20% lower than its initial value of inductance at 25°C .

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