

SMD HIGH CURRENT POWER BEAD INDUCTOR

MODEL NO. : SPB-10070C 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) ±10%	DCR +/-7% (mΩ)	INDUCTANCE @RATED CURRENT (nH) Type	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-10070C-R08-2 HF	80	0.22	80	63	120	63
SPB-10070C-R10-2 HF	100	0.22	100	63	100	63
SPB-10070C-R12-2 HF	120	0.22	120	63	95	63
SPB-10070C-R15-2 HF	150	0.22	150	63	80	63
SPB-10070C-R22-2 HF	220	0.22	210	50	70	50
SPB-10070C-R33-2 HF	330	0.22	310	32	45	32

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

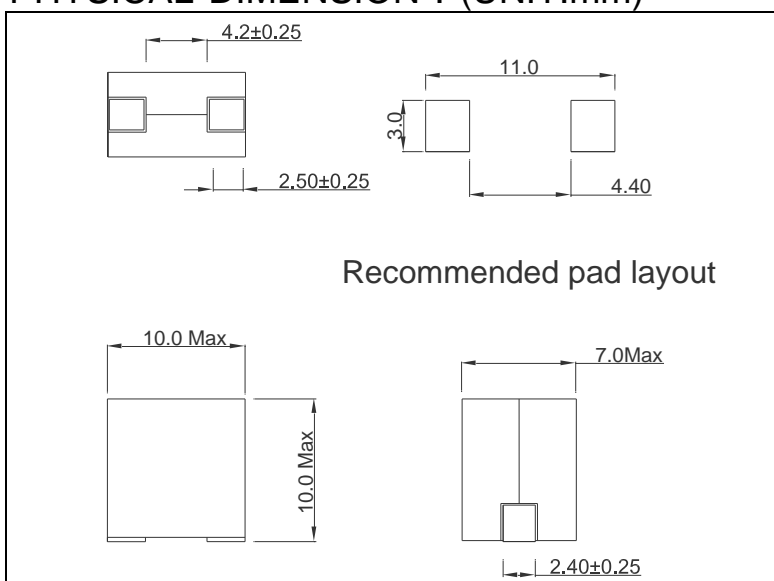
NOTE(2) : The saturation current indicates the value of DC current is approximately 20% lower than its initial value of inductance at 25°C .

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",350PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:12mm