

SMD HIGH CURRENT POWER BEAD INDUCTOR



MODEL NO. : SPB-10070A 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-10070A-R07-2 HF	70	0.145	63	68	124	68
SPB-10070A-R08-2 HF	80	0.145	72	68	118	68
SPB-10070A-R10-2 HF	100	0.145	90	68	95	68
SPB-10070A-R12-2 HF	120	0.145	108	68	78	68
SPB-10070A-R15-2 HF	150	0.145	135	68	60	68
SPB-10070A-R22-2 HF	220	0.145	198	52	38	68
SPB-10070A-R33-2 HF	330	0.145	297	33	20	68

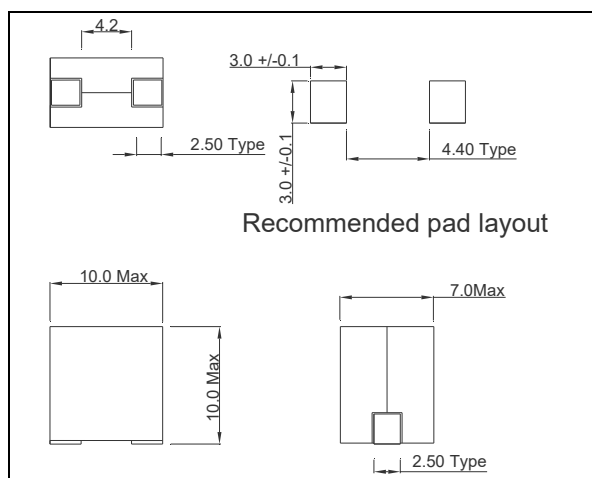
NOTE(1) : Test frequency: 100 KHZ,0.1Vrms.

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

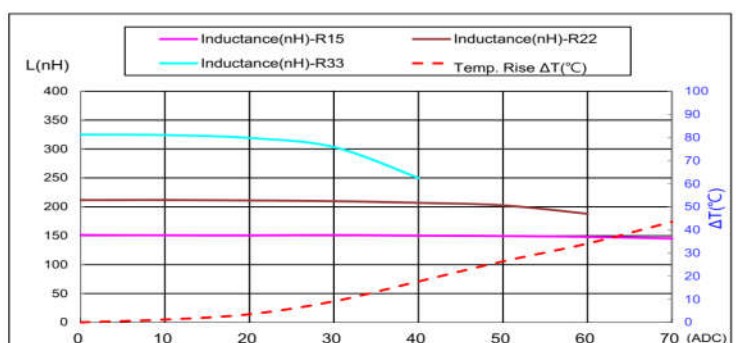
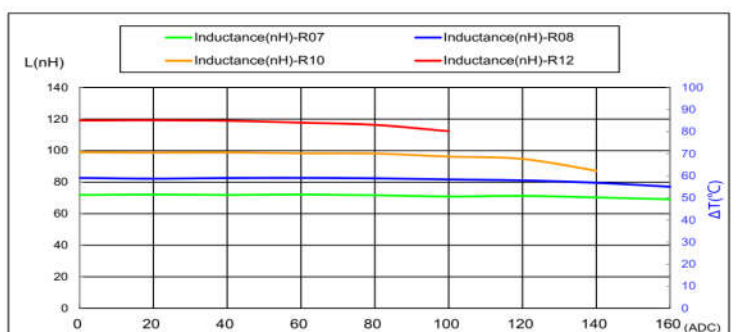
NOTE(3) : Δ T=40°C approximately under the temperature rise current.

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:16mm