

# SMD HIGH CURRENT POWER BEAD INDUCTOR



**MODEL NO. : SPB-11080A 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 +/-7% (mΩ)	INDUCTANCE @RATED CURRENT (nH) ±20%	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-11080A-R12-2 HF	120	0.15	108	60	85	60
SPB-11080A-R15-2 HF	150	0.15	135	60	70	60
SPB-11080A-R18-2 HF	180	0.15	162	60	60	60
SPB-11080A-R22-2 HF	220	0.15	198	60	50	60
SPB-11080A-R27-2 HF	270	0.15	243	60	40	60
SPB-11080A-R30-2 HF	300	0.15	270	60	32	60

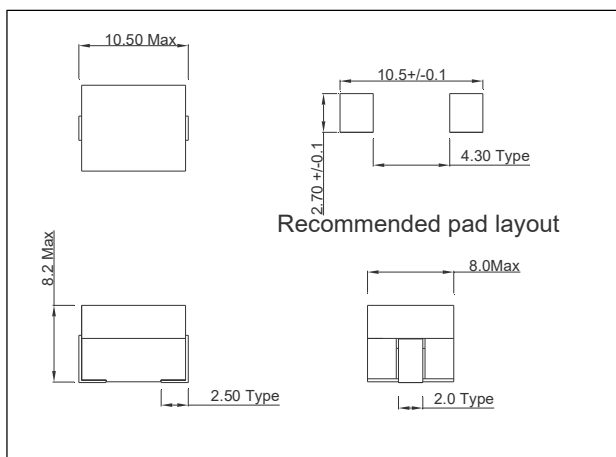
NOTE(1) : Test frequency: 100 KHz,0.1Vrms.

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

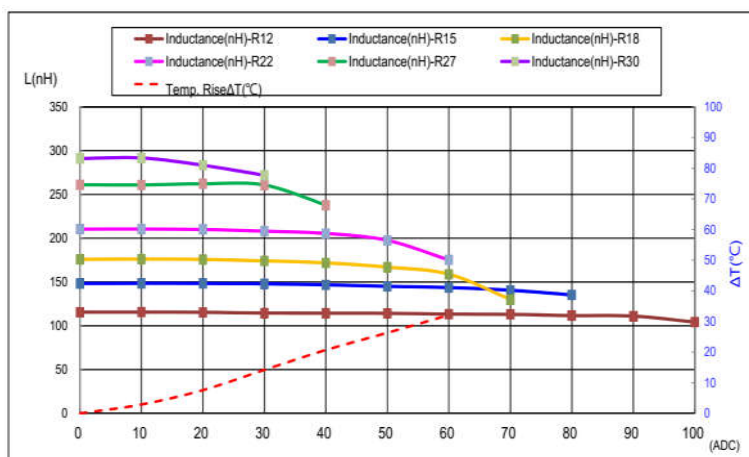
NOTE(3) : ΔT=40°C approximately under the temperature rise current.

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",400PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:16mm