

# SMD HIGH CURRENT POWER BEAD INDUCTOR



**MODEL NO. : SPB-07532 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 ±5% (mΩ)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-07532-R050-2 HF	50	0.123	50	40
SPB-07532-R064-2 HF	64	0.123	32	40
SPB-07532-R082-2 HF	82	0.123	22	40
SPB-07532-R10-2 HF	100	0.123	20	40

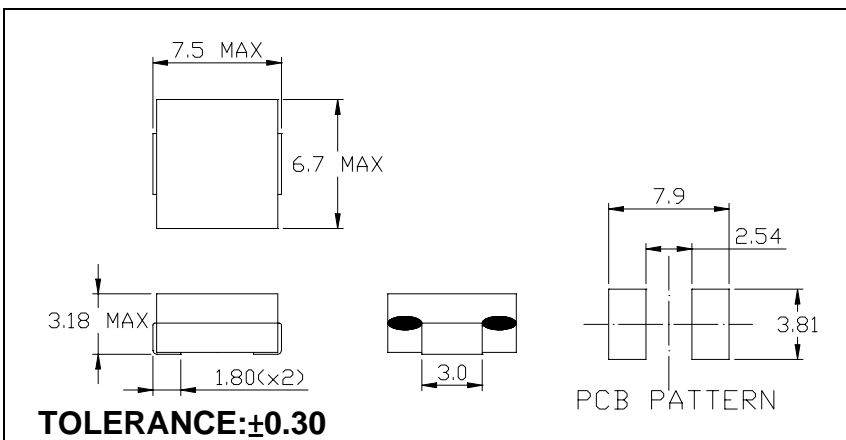
NOTE(1) : Test frequency: 100 KHZ,1Vrms.

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

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

NOTE(4): Operating temperature range: -40°C ~+150°C.

**PHYSICAL DIMENSION : (UNIT:mm)**



**PACKAGING SPEC:**

1. REEL SIZE & UNITS PER REEL :13",1500PCS.
2. TAPE WIDTH:16mm.
3. REEL WIDTH:22.4mm.
4. COMPONENT PITCH:12mm