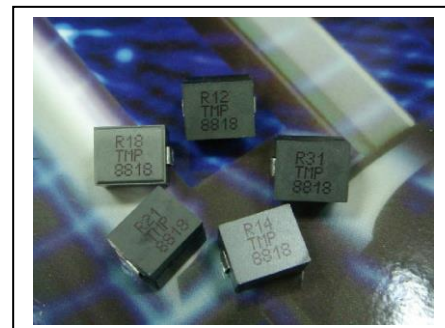


SMD HIGH CURRENT POWER BEAD INDUCTORS

MODEL NO. : SPB-08065 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 (mΩ) ±8%	INDUCTANCE @RATED CURRENT (nH) TYP	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC) TYP
SPB-08065-R12-2 HF	120	0.48	120	30	74	30
SPB-08065-R14-2 HF	140	0.48	140	30	66	30
SPB-08065-R18-2 HF	180	0.48	180	30	52	30
SPB-08065-R21-2 HF	215	0.48	200	30	50	30
SPB-08065-R31-2 HF	310	0.48	250	30	30	30

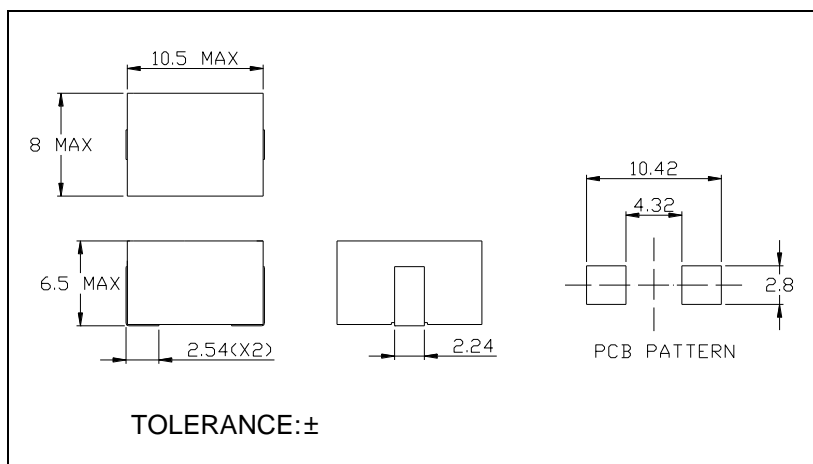
NOTE (1) : Test frequency: 100 KHZ,1Vrms.

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

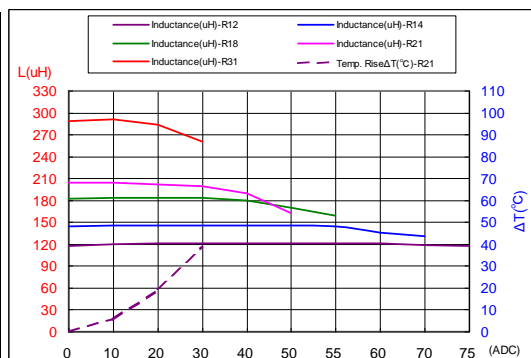
NOTE (3) : $\Delta T = 40^{\circ}\text{C}$ approximately under the temperature rise current.

NOTE(4): Operating temperature range: $-40^{\circ}\text{C} \sim +150^{\circ}\text{C}$.

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