

SMD HIGH CURRENT POWER BEAD INDUCTOR

MODEL NO. : SPB-09480 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) $\pm 10\%$	DCR +/-5% (m Ω)	INDUCTANCE @SAT CURRENT (nH) Min	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-09480-R10-2 HF	100	0.29	72	51	94	51
SPB-09480-R12-2 HF	120	0.29	86	51	79	51
SPB-09480-R15-2 HF	150	0.29	108	51	65	51
SPB-09480-R18-2 HF	180	0.29	129	51	55	51
SPB-09480-R22-2 HF	220	0.29	155	51	44	51
SPB-09480-R28-2 HF	280	0.29	200	51	34	51
SPB-09480-R30-2 HF	300	0.29	216	51	32.5	51

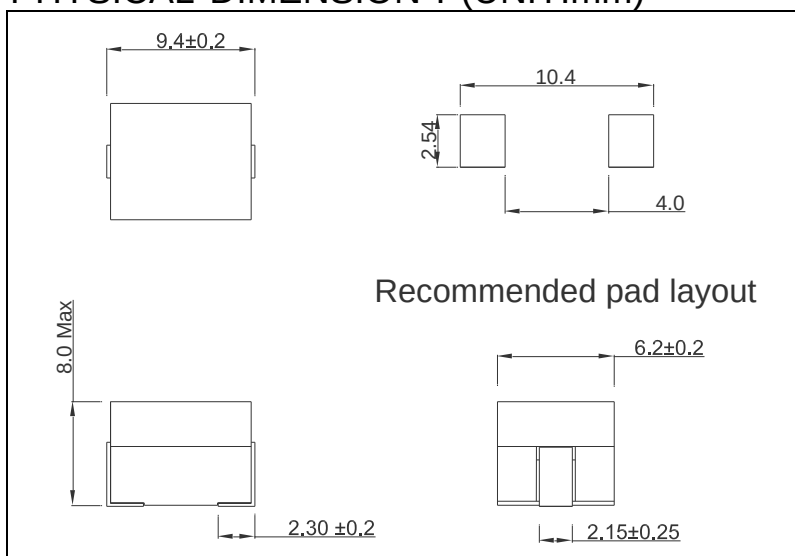
NOTE(1) : Test frequency: 100 KHZ,0.1Vrms.

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) : $\Delta T=40^{\circ}\text{C}$ 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",600PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:12mm