

SMD HIGH CURRENT POWER BEAD INDUCTOR



MODEL NO. : SPB-11080C 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 :

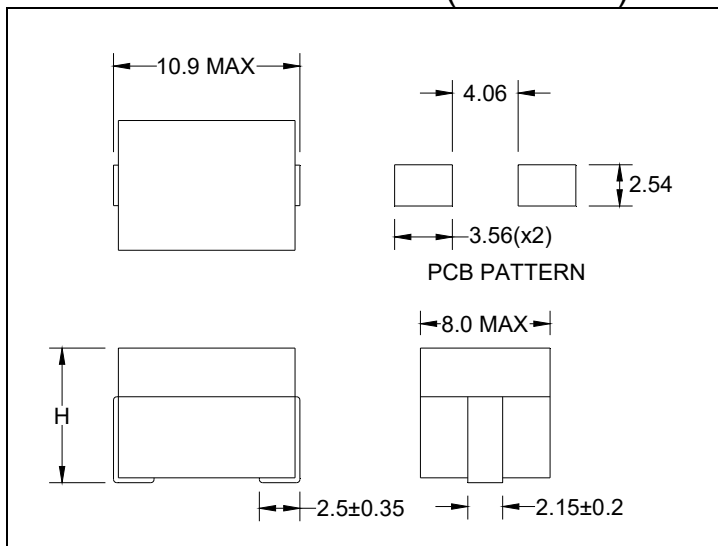
- * SERVERS.
- * MOTHERBOARD.
- * VGA CARD.

ELECTRICAL SPECIFICATION:

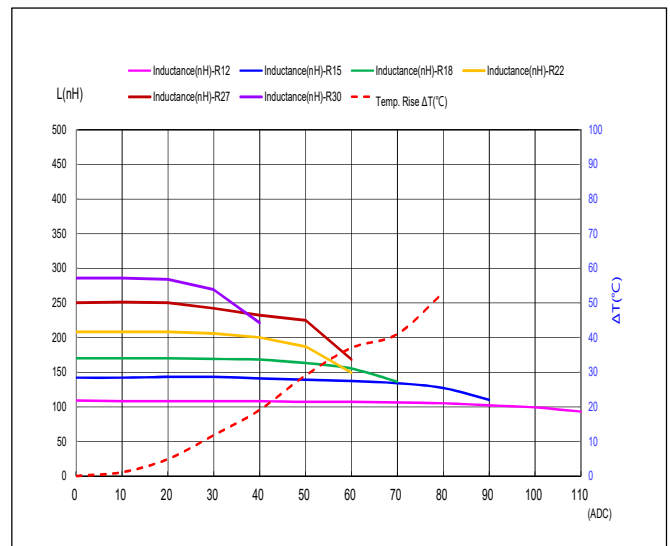
PART NO	INDUCTANCE @0 ADC (nH) ±15%	DCR (mΩ) ±5%	INDUCTANCE @Isat1 (nH)MIN	RATED CURRENT (A)	Isat1 (A) @25°C	Isat2 (A) @75°C	Isat3 (A) @100°C	H (mm) MAX
SPB-11080C-R12-2 HF	120	0.18	86.4	73	100	97	92	8.1
SPB-11080C-R15-2 HF	150	0.18	108	73	81	78	73	8.0
SPB-11080C-R18-2 HF	180	0.18	129	73	66	64	60	8.0
SPB-11080C-R22-2 HF	220	0.18	158	73	58	54	52	8.0
SPB-11080C-R27-2 HF	270	0.18	194	73	37	35	34	8.0
SPB-11080C-R30-2 HF	300	0.18	216	73	33	31	30	8.0

NOTE(1) : Test frequency: 500 KHZ,0.25Vrms.
 NOTE(2) : Isat1、 Isat2、 Isat3 indicates the value of DC current is approximately 20% lower than its initial value of inductance..
 NOTE(3) : ΔT=40°C approximately under the rated current (DC).
 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