

SMD HIGH CURRENT POWER BEAD INDUCTOR

MODEL NO. : SPB-11075 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) +/-10%	INDUCTANCE @RATED CURRENT (nH) ±20%	RATED CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC)
SPB-11075-R12-2 HF	120	0.29	108	55	95	55
SPB-11075-R15-2 HF	150	0.29	135	55	80	55
SPB-11075-R18-2 HF	180	0.29	162	55	70	55
SPB-11075-R22-2 HF	220	0.29	198	55	55	55
SPB-11075-R27-2 HF	270	0.29	243	45	45	55
SPB-11075-R30-2 HF	300	0.29	270	37	37	55
SPB-11075-R40-2 HF	400	0.29	360	25	25	55

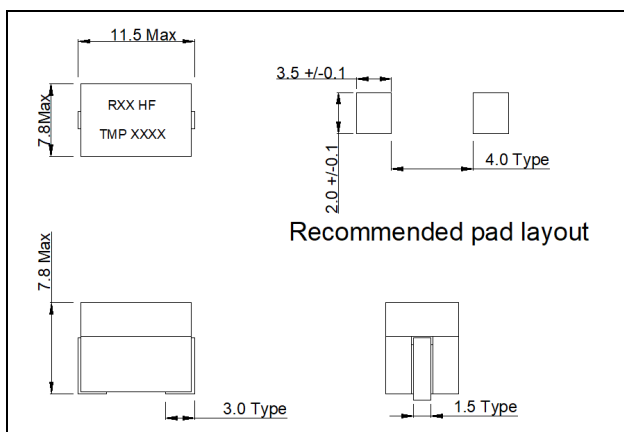
NOTE(1) : Test frequency: 100 KHZ,0.1Vrms.

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

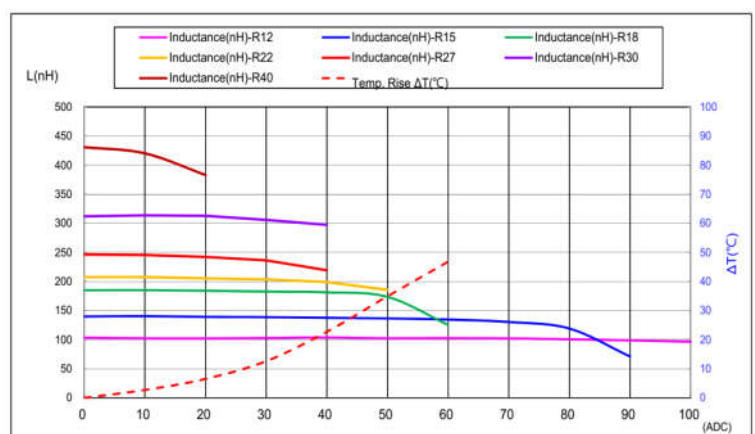
NOTE(3) : ΔT=40°C approximately under the temperature rise current.

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",600PCS.
- 2.TAPE WIDTH:24mm.
- 3.REEL WIDTH:29.5mm.
- 4.COMPONENT PITCH:12mm