

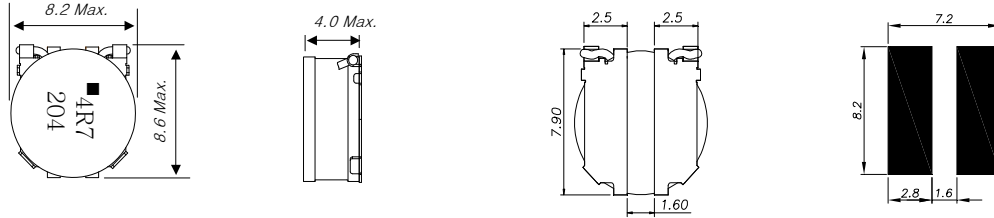
LPB8040 Series



<http://www.abco.co.kr>

SMD Shielded Type

▼ Shape & Dimensions / Recommended Solder Land Pattern



▼ Electrical Characteristics

Ordering Code	Inductance (uH)	Inductance TOL.(%)	Test Freq. (KHz)	DC Resistance (Ω) Max.	Idc1 [A] Max.	Idc2 [A] Typ.	Height T(mm)
LPB8040T-1R0N	1.0	±30	100	0.015(0.011)	11.00	5.00	4.0 Max.
LPB8040T-1R5N	1.5			0.016(0.013)	9.30	4.80	
LPB8040T-2R2N	2.2			0.017(0.014)	7.60	4.60	
LPB8040T-3R6N	3.6			0.022(0.017)	6.10	4.20	
LPB8040T-4R7N	4.7			0.025(0.020)	5.60	4.00	
LPB8040T-5R2N	5.2			0.026(0.022)	5.10	3.50	
LPB8040T-6R8N	6.8			0.030(0.026)	4.40	3.40	
LPB8040T-100M	10	±20		0.055(0.041)	3.20	3.00	
LPB8040T-150M	15			0.070(0.059)	2.70	2.00	
LPB8040T-220M	22			0.110(0.093)	2.20	1.80	
LPB8040T-330M	33			0.130(0.121)	2.00	1.60	
LPB8040T-470M	47			0.170(0.159)	1.60	1.40	
LPB8040T-680M	68			0.230(0.220)	1.20	1.20	

▼ Test Equipments

- . Inductance : Agilent E4980A LCR Meter (100KHz, 0.5V)
- . Rdc : HIOKI 3540 mΩ HiTESTER
- . Bias Current : Agilent 4284A + Agilent 42841A
- . Idc1(The saturation current): $\Delta L \leq 30\%$ at rated current
- . Idc2(The temperature rise) : $\Delta T = 40^\circ\text{C}$ at rated current

▼ Operating Temperature Range

-40 ~ +105°C (including self temp. rise)

Specifications subject to change without notice.