

SMT FLAT WIRE HIGH CURRENT INDUCTOR



PSB12 SERIES



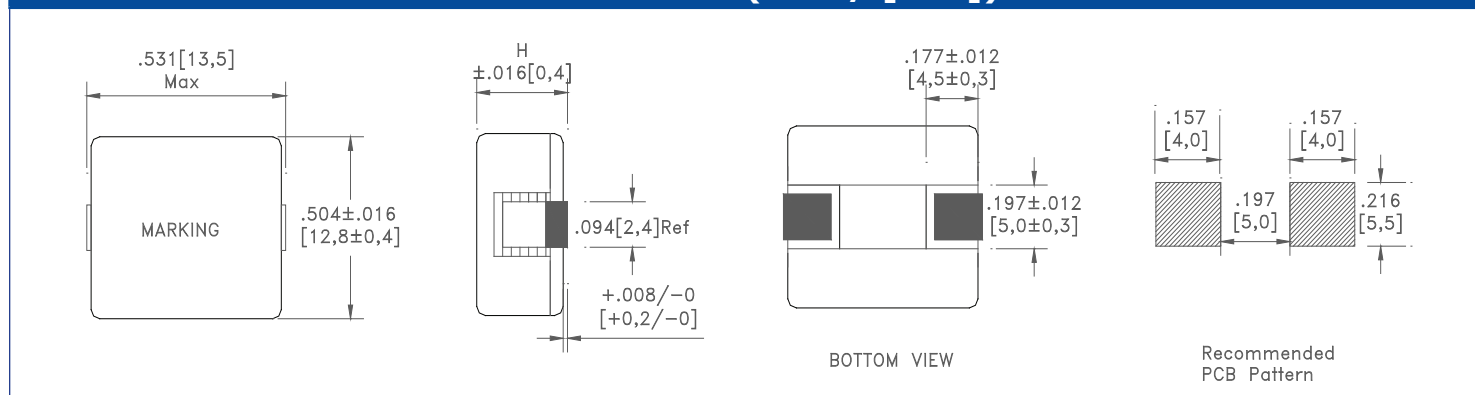
- High Current Inductor in compact, low profile package
- Flat wire coil minimizes losses at high frequency
- Magnetically shielded
- Size: 13.5mm length x 12.8mm width
- Operating Temperature -55°C to +125°C
- RoHS Compliant Product
- Custom Design Available

ELECTRICAL PARAMETERS @ 25°C

Part Number	INDUCTANCE (μ H) $\pm 20\%$	I _{rated} (A) MAX	I _{sat} (A) MAX	DCR (m Ω) MAX	Dimension H (mm)
PSB1235-R20M	0.20	27.0	40.0	1.5	3.5
PSB1235-R60M	0.60	23.0	30.0	3.5	3.5
PSB1235-1R2M	1.2	19.0	21.0	3.5	3.5
PSB1250-6R8M	6.8	8.0	9.0	15.0	5.0
PSB1265-R90M	0.90	22.0	28.0	1.5	6.5
PSB1265-1R5M	1.5	20.0	26.0	2.0	6.5
PSB1265-2R2M	2.2	17.0	25.0	3.0	6.5
PSB1265-3R3M	3.3	15.0	15.0	4.5	6.5
PSB1265-4R7M	4.7	14.0	10.0	7.0	6.5
PSB1265-6R8M	6.8	12.0	8.0	10.0	6.5
PSB1265-100M	10.0	9.0	7.0	15.0	6.5
PSB1275-R82M	8.2	11.0	10.0	12.0	7.5

- Note:**
1. Inductance measured at 100KHz, 1Vrms
 2. Temperature Rise 40°C TYP at DC Current I_{rated}
 3. Inductance Drop 20% TYP at DC Current I_{sat}

DIMENSIONS (inch / [mm])



Dimensions
Unless otherwise specified, all tolerances are:
inch: XX : ± 0.015 .XXX : ± 0.004
mm: X,X : ± 0.38 X,XX : ± 0.10

Product performance is limited to specified parameters. Data is subject to change without prior notice.

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