

SMT POWER INDUCTORS (UNSHIELDED/SHIELDED)

YLSB126 SERIES

1.FEATURES

- . High performance (I Sat) realized by metal dust core.
- . Low loss realized with low DCR .
- . Ultra low buzz noise, due to composite construction.
- . 100% lead (Pb) free meet RoHS Standard.

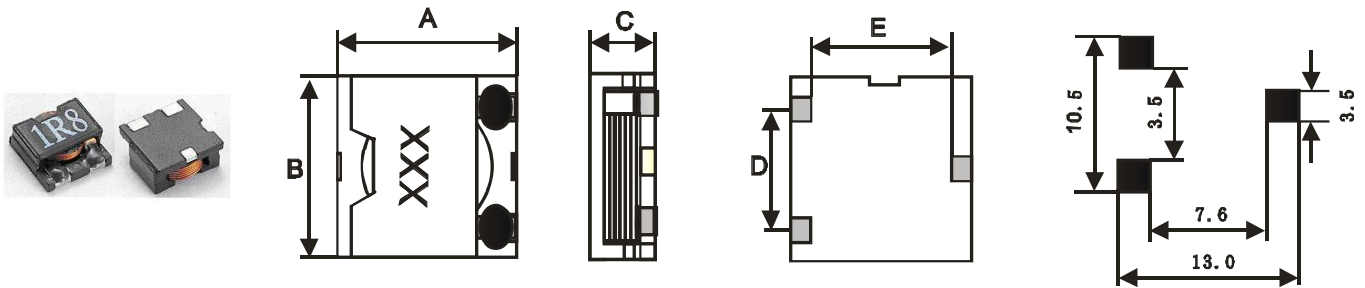
2.APPLICATIONS

- . DC/DC converter for CPU in notebook PC.
- . Power supply for VTR,OA equipment Digital camera,LCD television set notebook PC. Etc.

3.PART NUMBERING SYSTEM

<u>YLSB</u>	<u>126</u>	-	<u>1R5</u>	<u>M</u>
1	2		3	4
SERIES NAME	DIMENSIONS		INDUCTANCE	TOLERANCE

4.MECHANICAL DRAWING



5.DINENSIONS (UNIT:mm)

No.	SERIES	A (MAX)	B (MAX)	C (MAX)	D	E
1	YLSB126	13.0	13.0	5.6	7.0±0.3	8.0±0.3

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## SMT POWER INDUCTORS (UNSHIELDED)

### 贴片功率电感

#### YLSB126 SERIES

#### Electrical Specification

PART NUMBER	MARKING	INDUCTANCE L(uH)	TEST FREQ (0.25V)	DCR ( $\Omega$ ) MAX.	Rated Current (A)
YLSB126-1R5M	1R5	1.5	100 KHZ	0.0025	14.0
YLSB126-2R5M	2R2	2.2	100 KHZ	0.0034	13.0
YLSB126-4R7M	4R7	4.7	100 KHZ	0.009	11.5
YLSB126-6R0M	6R0	6.8	100 KHZ	0.0095	8.3
YLSB126-8R2M	8R2	8.2	100 KHZ	0.0115	6.7
YLSB126-100M	100	10	100 KHZ	0.0135	5.0

1.Tolerance:M: $\pm 20\%$ ,L: $\pm 15\%$ ,K: $\pm 10\%$

2.Inductance drops no more than 25% of initial value at rated current, temperature rises,  $\Delta T=40^{\circ}\text{C}$

3.Operating temperature :  $-25^{\circ}\text{C}$  to  $85^{\circ}\text{C}$ .

4.Unspecified values available on request.