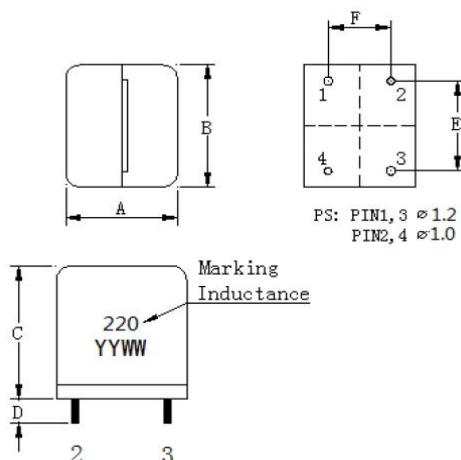
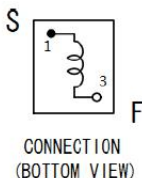
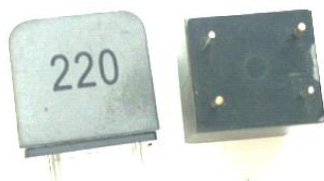


## Power Inductors For Digital Amplifier

### • DEP23-SERIES

#### 1. Dimensions(mm)



PS: PIN1, 3  $\varnothing$ 1.2  
PIN2, 4  $\varnothing$ 1.0

#### Features

- a、 Compact size using flat wire
- b、 Low radiation noise by magnetically shielded construction
- c、 Small, low resistance and High current
- d、 Suitable for high power home theater system and AV amplifier

N0.	A $\pm$ 0.5	B $\pm$ 0.5	C max	D $\pm$ 0.5	E $\pm$ 0.5	F $\pm$ 0.5
Spec.	20	23	23	3.5	15.5	10.5

#### 2. Electrical characteristics

Part Number	Code	L ( $\mu$ H) $\pm$ 20%	DCR (m $\Omega$ )Max	Isat (A)	Irms (A)
DEP23-100M	100	10	9.6	37.8	9.4
DEP23-120M	120	12	9.6	37.5	9.4
DEP23-150M	150	15	9.6	37.8	9.4
DEP23-180M	180	18	9.6	37.8	9.4
DEP23-220M	220	22	9.6	18.5	9.4
DEP23-330M	330	33	9.6	10.4	9.4
DEP23-470M	470	47	9.6	9.0	9.4

1. Measurement Frequency for Inductance: 100KHz/0.25V
2. DC saturation allowable current: Inductance drift is within-25% at the superposition.
3. Temperature rise allowable current :A rise in temperature of surface of core is within 40 $^{\circ}$ C
4. Ambient temperature -40 $^{\circ}$ C to +85 $^{\circ}$ C;
5. Storage temperature Component: -40 $^{\circ}$ C to +125.  $^{\circ}$ C \_

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