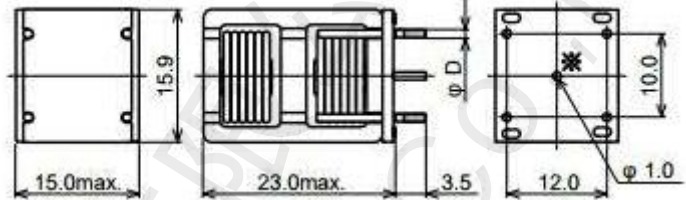
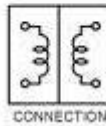


**Power Inductors For Digital Amplifier**

● **DEM1623-Series**

**1. Dimensions(mm)**



Inductance	D
10 $\mu$ H	0.90
15 $\mu$ H	0.70
22 $\mu$ H	0.65

**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

**2. Electrical characteristics**

Part Number	Code	L( $\mu$ H) $\pm$ 20%	DCR (m $\Omega$ )Max	Isat (A)	Irms (A)
DEM1623-100M	100	10.0	12.0	15.0	6.4
DEM1623-150M	150	15.0	22.6	11.0	5.2
DEM1623-220M	220	22.0	31.0	10.0	3.8

1. Measurement Frequency for Inductance: 100KHz/0.25V
2. Isat DC saturation allowable current: Inductance drift is within-25% at the superposition.
3. Irms 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  $+125^{\circ}$

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