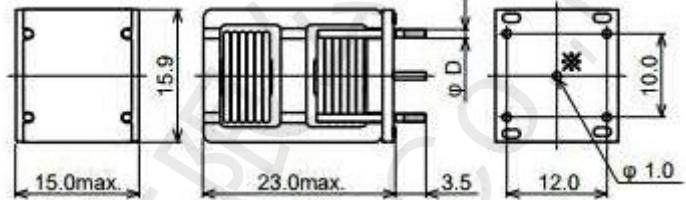
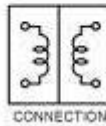


Power Inductors For Digital Amplifier

● **DEM1623-Series**

1. Dimensions(mm)



Inductance	D
10 μ H	0.90
15 μ H	0.70
22 μ 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(μ H) \pm 20%	DCR (m Ω)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. I rms Temperature rise allowable current :A rise in temperature of surface of core is within 40 $^{\circ}$ C
4. Ambient temperature -40° C to $+85^{\circ}$ C
5. Storage temperature Component: -40° C to $+125^{\circ}$