



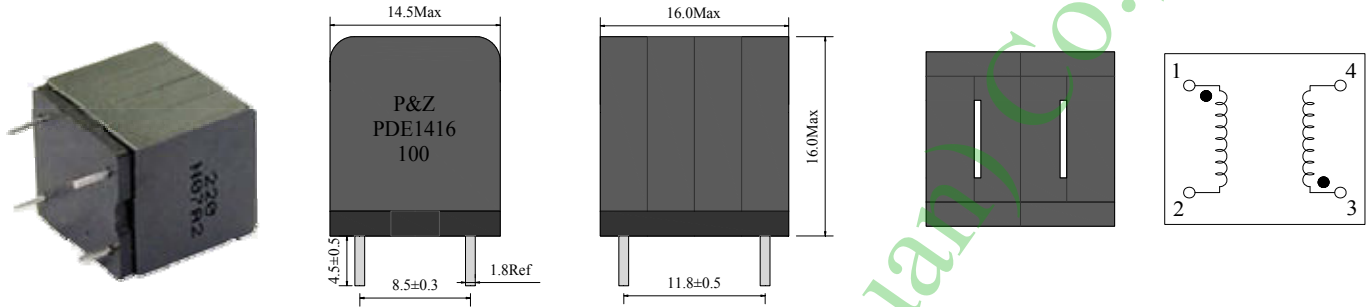
### Digital Amplifier Inductor

### PDE1416 Series

Inductance Range: 6.0μH~22uH

Temperature Range: -40°C ~ +125°C

Dimensions: (mm)



#### Feature:

- 1.Excellent weldability and resistance.
- 2.Low radiation noise by special magnetically shielded structure.
- 3.Low resistance,high current.
- 4.Wide frequency range.
- 5.The optimal design realizes high quality sound and low distortion

#### Application:

Suitable as choke digital amp,Car audio,LCD and PDP TV,5.1ch Home theater,etc.

#### Electrical Specifications:

Part No.	Test frequency	L	DCR		Isat	Irms
		(μH±20%)	(mΩ)Max	(mΩ)TYP	(A)Max	(A)Max
PDE1416-6R0M	1KHZ/0.25V	6.0	8.20	6.80	17.00	11.0
PDE1416-7R5M	1KHZ/0.25V	7.5	9.30	7.80	16.00	9.0
PDE1416-100M	1KHZ/0.25V	10.0	13.50	8.70	13.00	8.0
PDE1416-150M	1KHZ/0.25V	15.0	17.50	14.60	11.00	6.8
PDE1416-180M	1KHZ/0.25V	18.0	23.00	18.70	9.70	6.0
PDE1416-220M	1KHZ/0.25V	22.0	24.00	20.00	8.30	5.4