P 東莞市品展電子有限公司

P&Z Electronic (Dongguan) Co.,Ltd

E-mail:sale@dgpinzhan.cor

Web site:http://www.dgpinzhan.com

Skype:justin029



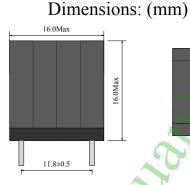
Digital Amplifier Inductor PDE1416 Series

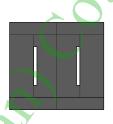
Inductance Range: 6.0µH~22uH

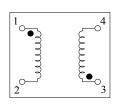
Temperature Range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$











Feature:

- 1.Excellent weldability and resistancd.
- 2.Low radiation noise by special magnetically sheilded 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	\mathbf{L}	DCR		Isat	Irms
	frequency	(uH±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

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^{*}Product specifications are for reference only,It does not include the latest product information,Product specifications are subject to change without notice.Please confirm the latest product information or visit our website to us before ordering.