



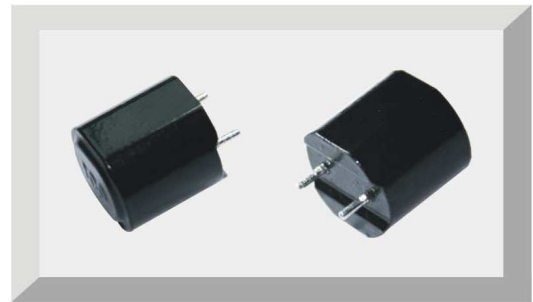
DIP Molding Power Choke –DM1714 Series

●Features:

- Ultra low cost
- Shielded construction
- High current rating up to DC 40Amp
- High frequency range up to 500KHz
- Very low DC resistance
- Low Noise
- RoHS compliant

●Applications:

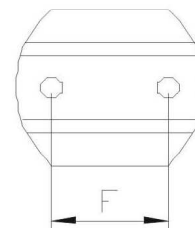
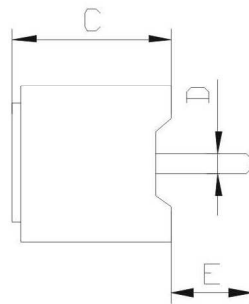
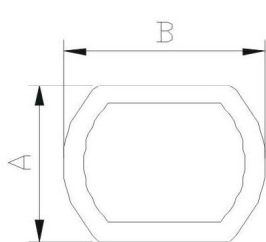
- Motherboards for laptop and desktop computers
- DC/DC converter



●Part Numbering System (品名规格)

D M	1 3 1 2 H	—	1 5 0	—	M	—	B	—	S
1	2	3	4	5					
SERIES 品名 D:Dip (插件) M:Molding(压模) 品名	DIMENSIONS 尺寸	INDUCTANCE 电感值	TOLERANCE CODE J:±5%,K:±10%,L:±15% M:±20%,P:±25%,N:±30% 公差	PACKING CODE R:Tape&Ree (卷装) B:in Bulk(散装) 包装					S:series (系列) T (特殊品)

●Shapes and Dimensions (形状及尺寸)



Unit:mm

Type(型式)	A	B	C	D	E	F
DM1312H	12.4±0.5	13.4±0.5	17.5max	0.9±0.1	3.4±0.5	7.5±0.5

●Remark:As the inductance value of the D size and change.

●备注:D尺寸随着电感值的变化而变化.

SPECIFICATION TABLE

Part Number 品名	Inductance (μ H) 电感值	DCR(max) (m Ω) 直流电阻	Isat (max) (A) 饱和电流	Irms (max) (A) 温升电流
DM1312H-100M-B-S	10.0	11.0	13.0	10.0
DM1312H-150M-B-S	15.0	18.0	12.0	9.0
DM1312H-220M-B-S	22.0	22.0	11.0	8.0

Remark:

<1>Inductance:100KHz 1.0V

<2>Tolerance of inductance:±20%

<3>Isat:The value of current indicates that inductance drops 35%(Max) from its initial value

<4>Irms:The value of current indicates that the temperature of the coil is increase 40°C(Typical)

<5>Test condition:Ta=25°C