## Inductor



## RoHS Compliant



## **Specifications:**

Inductance : 150µH Inductance Tolerance : ± 20% DC Resistance Max : 0.29Ω DC Current Rating : 1.7A : SMD Inductor Case Style No. of Pins Lead Spacing : 12.7mm **External Depth** : 7.62mm External Length / Height : 18.54mm External Width : 15.24mm Series : MCB

### **Electrical Characteristics (at 25°C)**

100kHz 0.1V	L	150μH ±20%
at 25°C	DCR	293mΩ (Max.)
100kHz 0.1V Irms = 1.3A	L at Irms	ΔT40°C (Maximum)

Operating temperature: -55°C to +130°C **Note:** Irms **Temperature Rise 40°C** 

#### **Material List**

No.	Item	Material Description
1	Core	N5D DR9.7 × 5.8 N5D R112.7 × 5.7 × 10.8
2	Wire	Ø0.35mm × 1P 2UEWF 155°C
3	Solder (Lead Free)	Sn99.3%/Cu0.7%
4	Glue	TH320D / TH320-3
5	Base	DR13-RT-A DAP

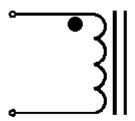
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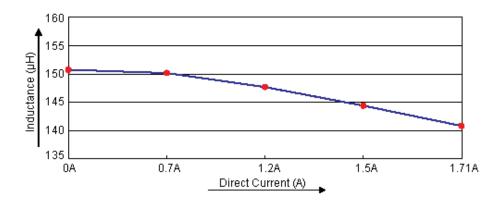
## **Schematic Diagram**

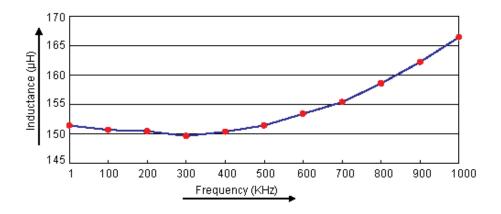


#### Note:

- 1. Wire Ø0.35mm × 1P 2UEWF 155°C
- 2. 47.5TS (Reference)

### **Electric Characteristics**





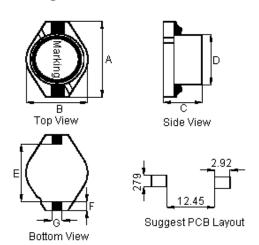
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### **Configurations and Dimensions**



Dimensions : Millimetres

Α	18.54mm	(Maximum)
В	15.24mm	(Maximum)
С	7.62mm	(Maximum)
D	12.7 ±0.3mm	-
E	12.7mm	(Reference)
F	2.54mm	(Reference)
G	2.54mm	(Reference)

#### **Part Number Table**

Description	Part Number
Inductor, 150µH, ± 20%, 1.7A	MCBFS7330-151MU

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