

FRC series (Rev. 4.0)



Features

- * RoHS compliant
- * Good in EMI effect and various custom design
To help you go pass the CE/FCC standard.

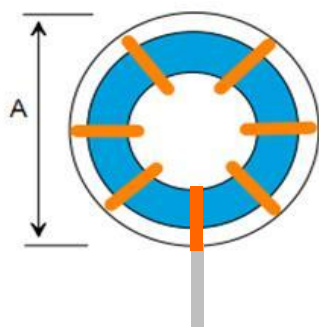
Product Identification

FRC 1908 - 470 M V
1 2 3 4 5

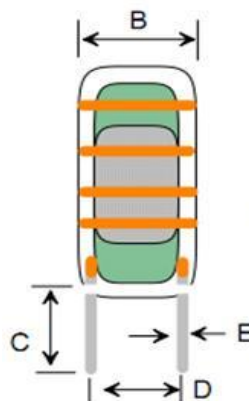
1. Product Code
2. Product Size(OD*H): 19.4 * 8.8mm
3. Inductance: 47uH
4. Tolerance: M=±20%
5. V: verticle

Dimensions : [mm]

Front View



Side View



Turns & shape are just for reference.
Real spec. should follow the sample approved.

Size Code	A(max.)	B(max.)	C(±1.0)	D(ref.)	E(ref.)
1908	19.4	8.8	8.0	8.5	0.8

Electrical Characteristics

P/N	L (uH)	Tolerance (± %)	DCR (mΩ) max.	Turns (ref.)	Wire (mm)	IDC (A) max.
FRC1908-470MV	47.0	20	23.5	25	0.8	5.0

* Test condition: @100KHz, 0.25V

* IDC :This indicates the value of current when the inductance is 30% lower than it's initial value at D.C.
superimposition or D.C.current when at ΔT=40°C,whichever is lower. (Ta=20°C)

Applications

- * Fit for power line input / output application
- * MainBoard / NB / IPC / Server / VRM moudle...etc.

Operating & Storage Condition :

- * Operating Temp :Stand Type:-40 to +85 °C
- * Storage Temp : Stand Type -40 to +85 °C
- * Storage Life Time :12 Months @25 °C,RH 65%

Test Equipment :

- * HP4284A,HP42841A-L,IDC,Q,RDC
- * HP8753D NETWORK ANALYZER-SRF

Standard Atmospheric Conditions :

- * Ambient Temp : 20+/-15 °C
- * Relative Humidity : 65+/-20%