

FDCM series (Rev. 4.0)



Features

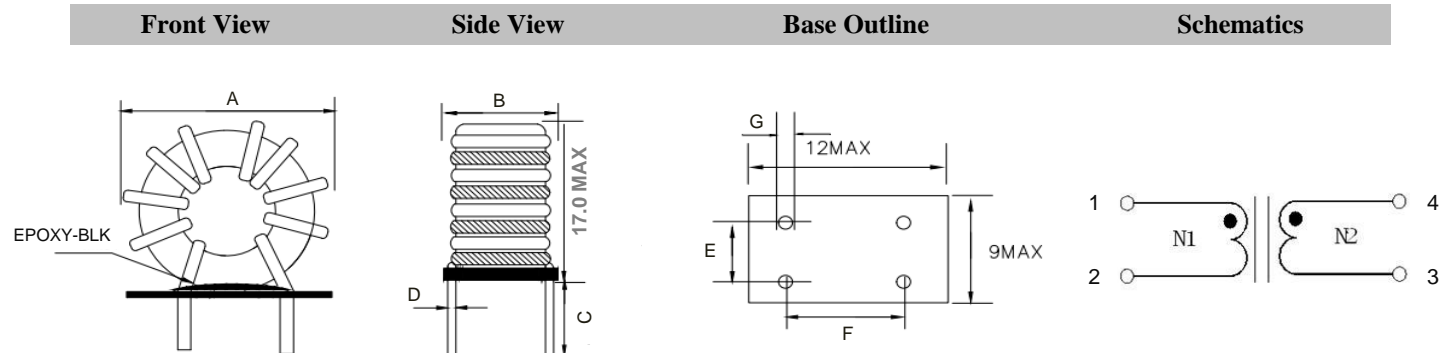
- * RoHS compliant
- * With four lines for voice and data line

Product Identification

FDCM **1609** - **400** **I** **V**
 1 2 3 4 5

1. Product Code
2. Size Code (OD*H): 16.5 * 9.8mm
3. Inductance: 40uH
4. Tolerance: I=Minimum
5. V: vertical

Dimension : [mm]



Size Code	A(max.)	B(max.)	C(±0.5)	D(±0.1)	E(±0.5)	F(±0.5)	G(ref.)
1609	16.5	9.8	4.0	0.8	7.0	8.0	1.0

Electrical Characteristics

P/N	Test Pins	L (uH) min.	DCR (mΩ) max.	Turns (ref.)	Wire (mm)	IDC (A) max.
FDCM1609-400IV	1-2	40.0	10.0	10.0	0.8	4.5
	4-3	40.0	10.0	10.0		

Test condition: @1KHz, 0.25V

* IDC : DC current (A) that will cause an approximate ΔT of 40°C

Applications

- * Attenuating noise of analog and digital signals for telecommunication devices.
- * Prevention of interference from ambient radios, CB stations, or high frequency welders, 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%