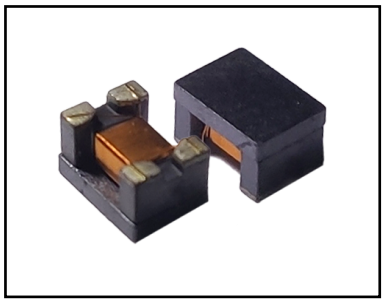
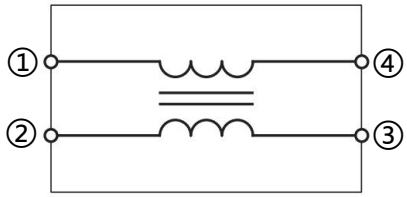
Desicription

- ◆ The common mode filter is mainly used to reduce radiation and high frequency common mode noise.
- ◆ Reduce asymmetric interference on data lines and other interfaces.
- ◆ Impedance characteristics match the impedance of most differential interface Settings, controlling unnecessary reflection formation.
- ◆ Low leakage, no effect on differential mode current.
- ◆ AEC-Q200.



Features

- ◆ Size:3.4mm*1.6mm*2.0mm.
- ◆ Halogen free ,Lead free ,Reach and RoHs.
- ◆ Operating temperature : -40 to +125℃
- ◆ Storage temp. and humidity : -10 to +40℃ ,70%RH max



Circuit Diagram

PIN NUMBER	DESCRIPTION
① ~ ④	DATE LINE
② ~ ③	DATE LINE

Order information

Model	Package	shipping
CMF3416WA600HFR	**3416**	**2000/Tape&Reel**

Part Numbering

CMF	3416	W	A	600H	F	R
A	B	C	D	E	F	G

A:ASIM common mode filter

B:Dimension

C:Wire wound

D:The internal serial number

E:Inductance 600H:60.0uH

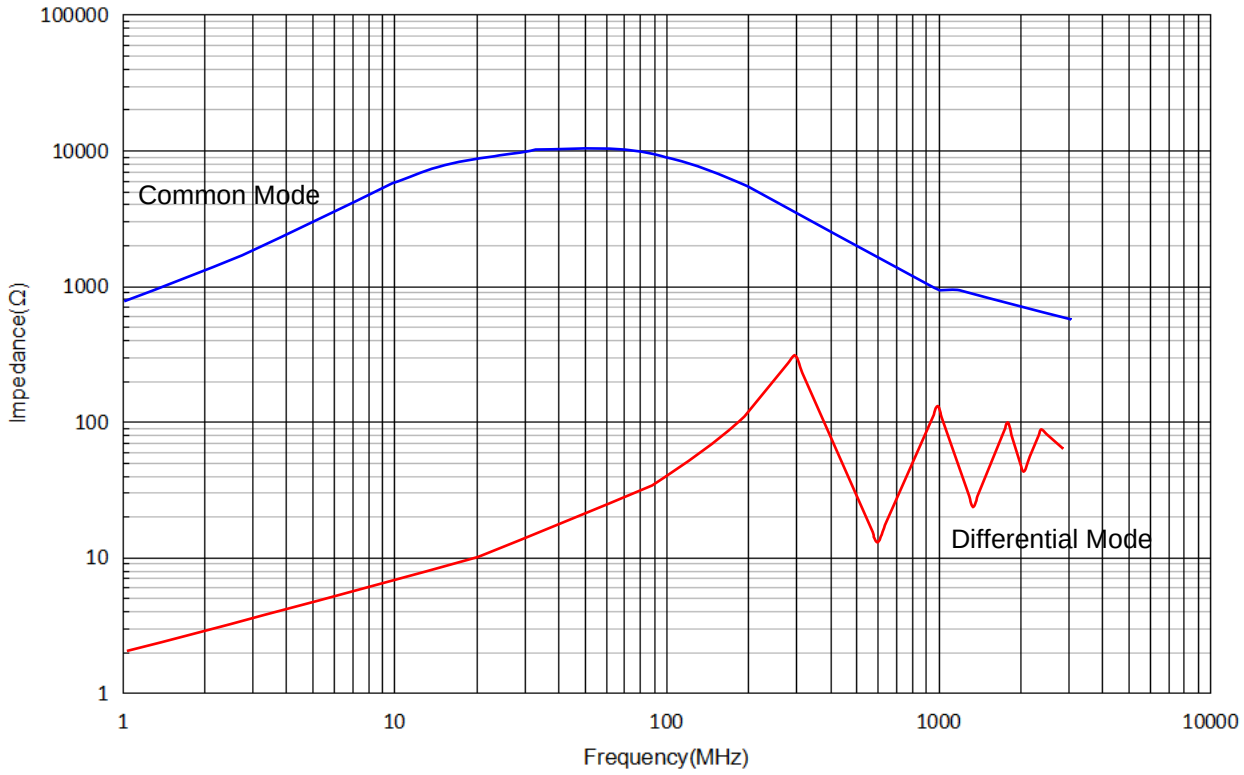
F :Internal series

G:Tape

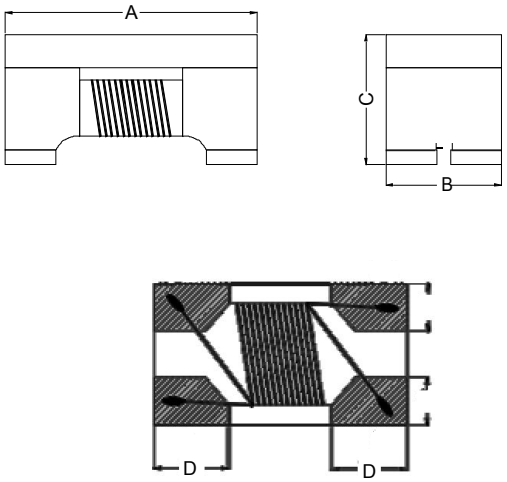
Specification

P/N	H(uH) Common Mode inductance @1MHz	DCR (Ω)	ID (mA)	Rated Voltage	Insulation Resistance
		MAX	MAX	Vdc	IR
				(V)Typical	(MΩ)Min
CMF3416WA600HFR	60.0	1.7	200	50	10

Performance Curves

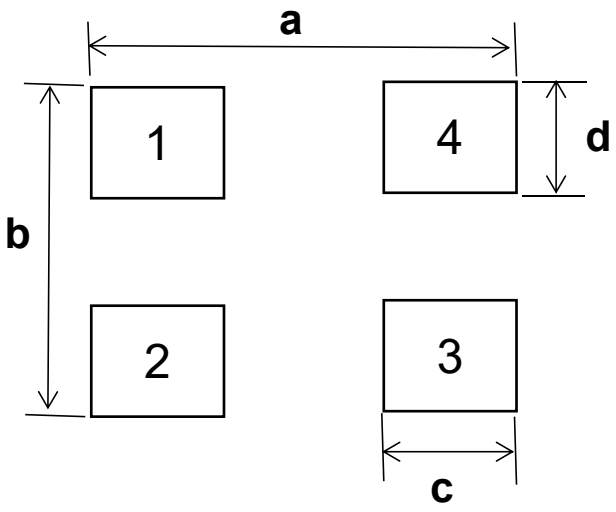


Dimension (mm)



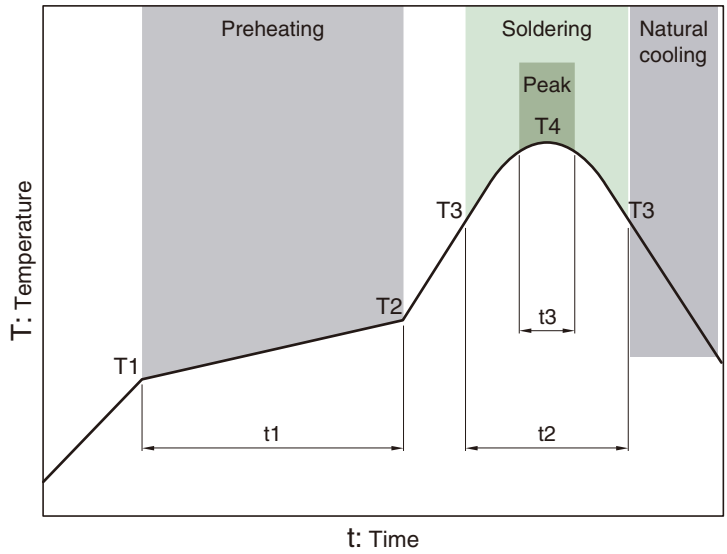
3216	Dimensions(mm)
A	3.4±0.2
B	1.6 ± 0.2
C	2.0 ± 0.2
D	0.7 typ
E	0.6 typ

Recommended Land Pattern (mm)



Symbol	Dimensions (mm)
a	3.5
b	1.6
c	0.8
d	0.6

Recommended Reflow Profile



Preheating			Soldering		Peak	
Temp.		Time	Temp.	Time	Temp.	Time
T1	T2	t1	T3	t2	T4	t3
150°C	180°C	60 to 120s	230°C	25 to 35s	250°C	5s