

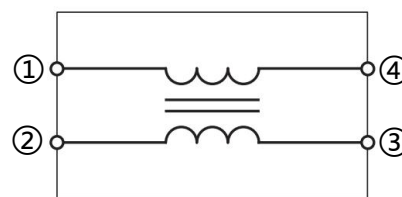
Desicription

- ◆ 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:7.0mm*6.0mm*3.5mm.
- ◆ Halogen free ,Lead free ,Reach and RoHs.
- ◆ Operating temperature : -40 to +125°C
- ◆ Storage temp. and humidity : 0 ~ +25°C T M P , 20%~70%RH.



Circuit Diagram

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

Order information

Model	Package	shipping
CMF7060IC701HFR	7060	1500/Tape&Reel

Part Numbering

CMF	7060	I	C	701	H	F	R
A	B	C	D	E	F	G	H

A:ASIM common mode filter

B:Dimension

C:Wire wound

D:Car level

E:Impedance

F:Tolerance

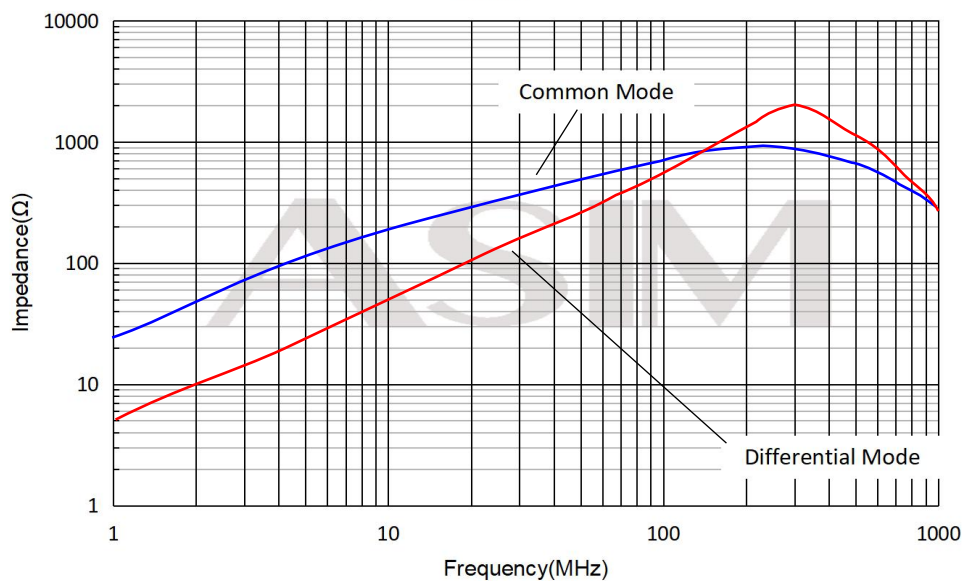
G:Internal series

H:Tape

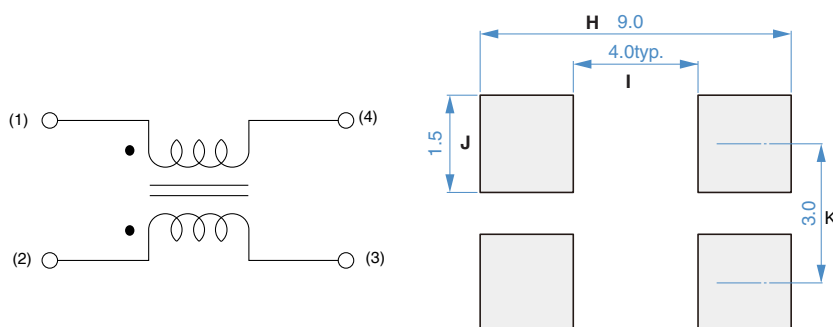
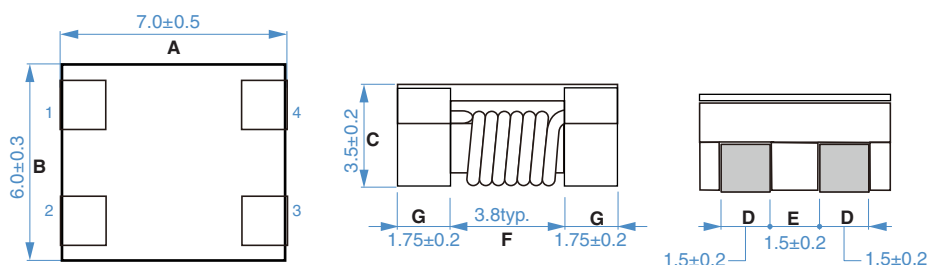
Specification

P/N	Common Mode Impedance @100MHz/0.2V Z(Ω) $\pm$ 25%	DCR (m Ω)	ID (A)	Rated Voltage	Insulation Resistance
		MAX	MAX	Vdc	IR
				(V)Typical	(M Ω)Min
CMF7060IC701HFR	700.0	15.0	4.0	80.0	10.0

Performance Curves



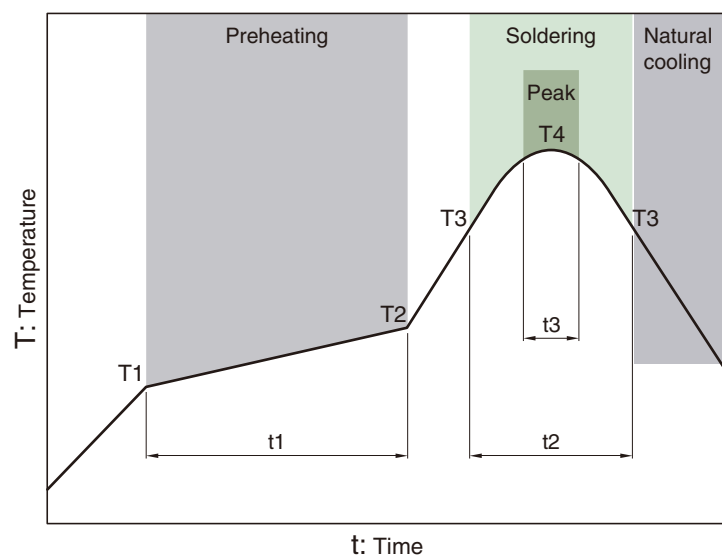
Dimension (mm)



Recommended Footprint(mm)

7060	Dimensions
H	9.0 ref
I	4.0 ref
J	1.5 ref
K	3.0 ref

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

Reel Dimension&Tape Dimension (mm)

