

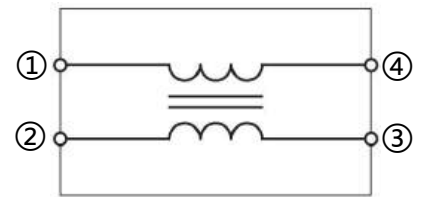
Desicription

- ◆ 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*3.8mm.
- ◆ Halogen free ,Lead free ,Reach and RoHs.
- ◆ Operating temperature : -40 to +125°C
- ◆ Storage temp. and humidity : 0 ~ +40°C T M P
10%~70%RH.



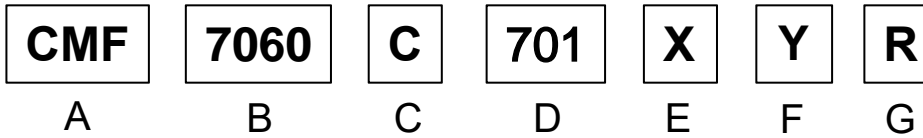
Circuit Diagram

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

Order information

Model	Package	shipping
CMF7060C701XYR	7060	1500/Tape&Reel

Part Numbering



A:ASIM common mode filter

B:Dimension

C:Car level

D:Impedance

F:Tolerance

G:Internal series

H:Tape

Specification

Part No.	Impedance (Ω)	Test Freq	DCR (mΩ)	Rated Current (A)	Rated Voltage (V)Dc	Insulation Resistance (MΩ)	MARKING
CMF7060C701XYR	500 Min(700Typ)	100MHz	15 Max	4.00	125 Max	10.0 Min	A701

Notes:

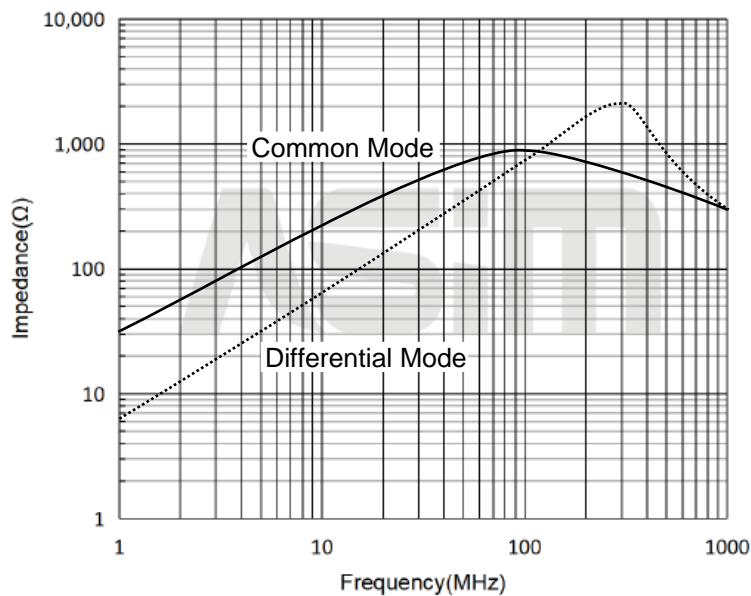
Operating temperature: -40℃~+125℃

Storage temperature: -40℃~+125℃

Storage environment: temperature: 0℃~+40℃ humidity: RH10%~70%

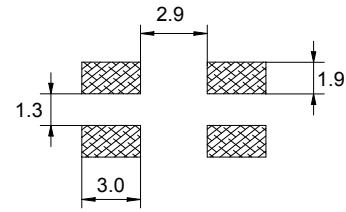
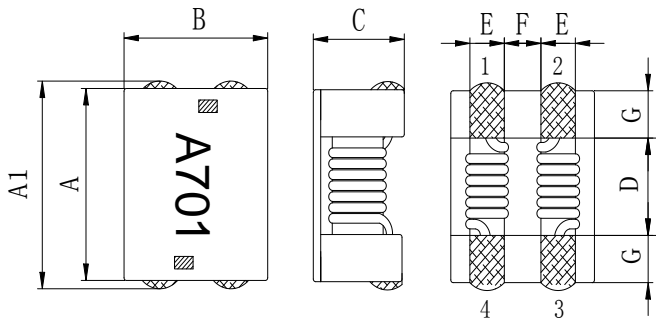
Safe storage life: 12 months

Performance Curves



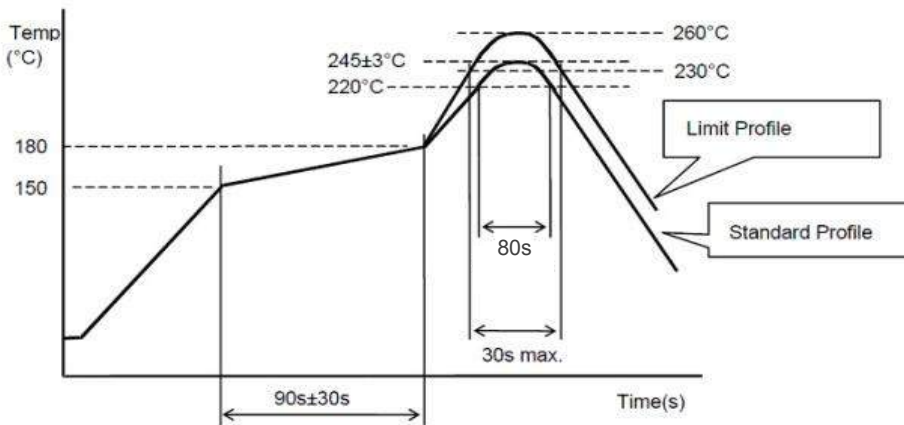
Dimension (mm)

PAD Layout(mm)



A	A1	B	C	D	E	F	G
7.0±0.5	7.5±0.6	6.0±0.5	3.8Max	3.5±0.3	1.5±0.3	1.5±0.3	1.7±0.3

Recommended Soldering Temperature Graph



	Standard Profile	Limit Profile
Pre-heating	150~180°C、90s±30s	
Heating	above 220°C、80s	above 230°C、30s max
Peak temperature	245°C±3°C	260°C、10s
Cycle of reflow	2 times	2 times