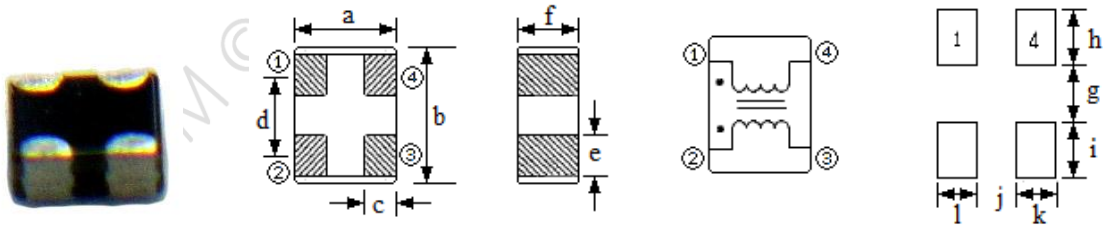


A. Electrical Specifications:

P/N	Impedance (Ω) @100MHz	Rated Current Max.(A)	DCR (Ω) Max.	Rated Voltage (Vdc) Max.	I R Min. (M Ω)
MCM08062G-120	12 \pm 5 Ω	0.130	2.5	5	100
MCM08062G-330	33 \pm 20%	0.100	2.5	5	100
MCM08062G-470	47 \pm 20%	0.100	5.0	5	100
MCM08062G-900	90 \pm 20%	0.100	6.5	5	100

B. Dimensions: mm (Inch)

Series	a	b	c	d	e	f	g	h	i	j	k	l
MCM08062G	0.65 (0.0256)	0.85 (0.0335)	0.2 (0.0079)	0.5 (0.0197)	0.27 (0.0106)	0.4 (0.0158)	0.3 (0.0118)	0.3 (0.0118)	0.3 (0.0118)	0.2 (0.0079)	0.3 (0.0118)	0.3 (0.0118)
Tol.	\pm 0.05 (0.0020)	\pm 0.05 (0.0020)	+0.05/-0.1 (+0.0020 /-0.0039)	\pm 0.1 (0.0039)	\pm 0.1 (0.0039)	\pm 0.05 (0.0020)	\pm 0.05 (0.0020)	\pm 0.05 (0.0020)	\pm 0.05 (0.0020)	\pm 0.05 (0.0020)	\pm 0.05 (0.0020)	\pm 0.05 (0.0020)



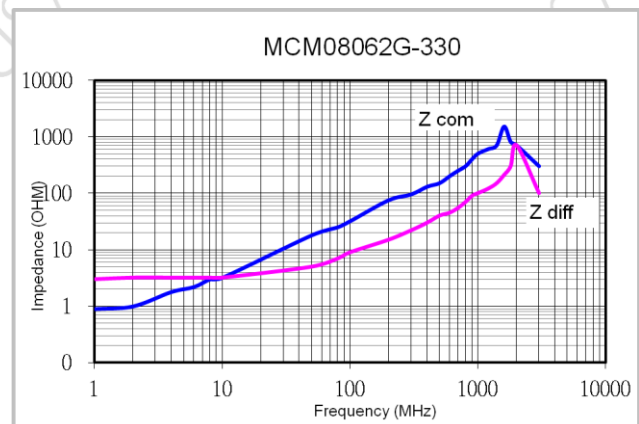
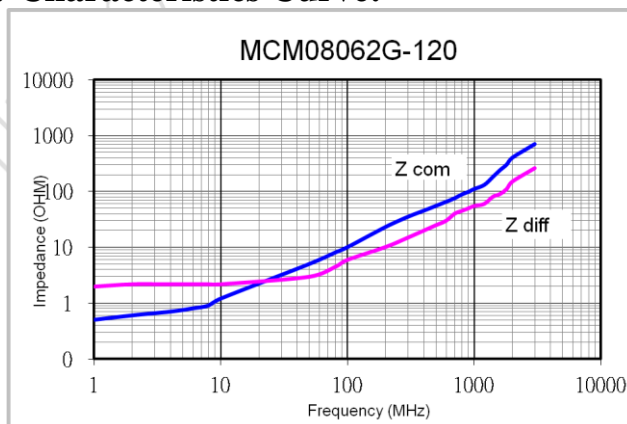
C. General Information:

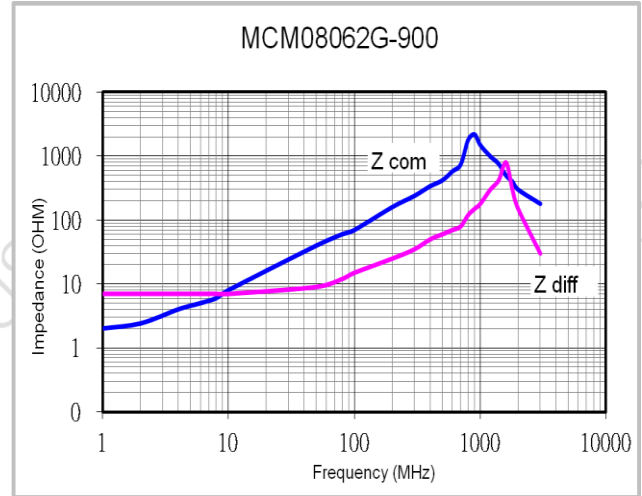
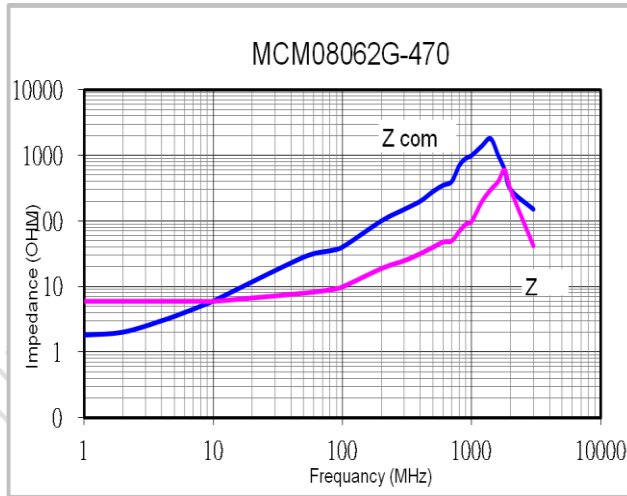
1. MCM08062G-xxx, “MCM08062G” = P/N, “xxx” = Impedance.
2. Impedance measured with HP4291B RF Impedance Analyzer.
3. DCR measured using the 16502 milliohm meter.
4. Operating temperature: -40°C to +85°C
5. Storage temperature: -40°C to +85°C
6. Small size, low profile.
7. Various common mode impedance: from 12 Ω to 90 Ω .
8. MSL: Level 1.

D. Applications:

1. Its Application is limited for the High speed differential transmission line like as followings.
2. Suitable for differential signal line such as USB, LVDS, MIPI, MDDI, MHL, HDMI, DVI.

E. Characteristics Curve:



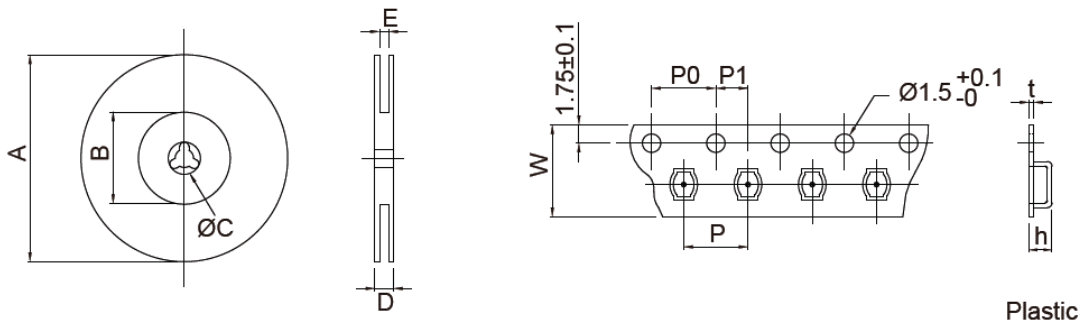


F. Supplementary Information:

1. Packaging Information

CARRIER TAPE REELS

TAPE DIMENSIONS (mm)



Series P/N	Reel dimensions (mm)					Tape dimensions (mm)						Parts per reel		Quantity per	
	A	B	C	D	E	W	P	P0	P1	h	t	7"	13"	Box	Carton
MCM08062G	178	50	13	15	10	8	2	4	2	---	---	10,000	---	50,000	300,000

2. RoHS Reflow Solder Profile

Typical RoHS Reflow Profile

