

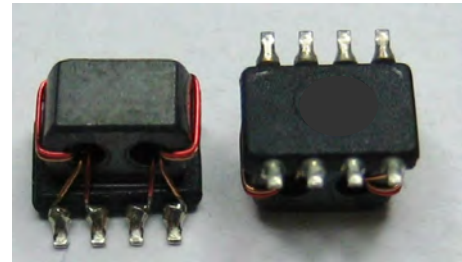


SMD Common Mode Filters-DB Series

DB series For EMC in High Speed Data Line

Features

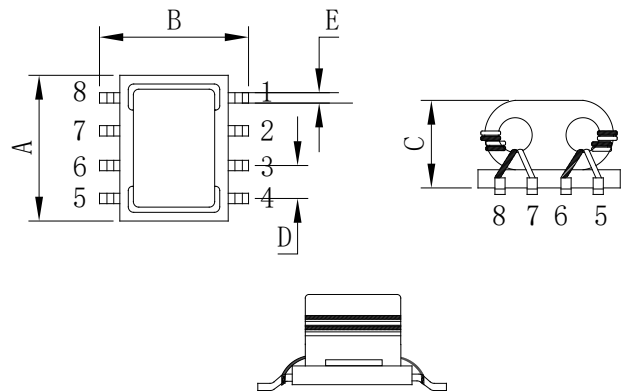
- 1.Low profile and small size SMD.
- 2.Use of high performance ferrite for excellent



Applications

- 1.Preventive measure against USB & IEEE1394 radiation emissions.
- 2.Suppresses radiated emissions from peripheral devices.
- 3.Personal computer (Desk-top, Note-book)
Game computer, Digital Camera, Scanner, etc.

Dimensions (mm)



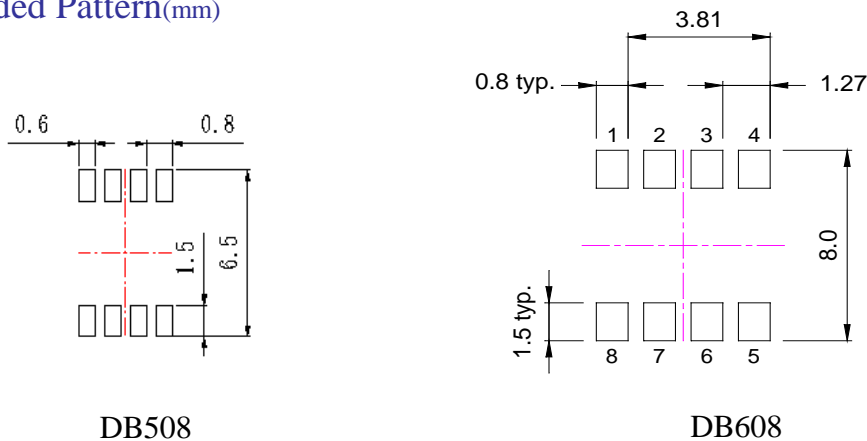
Product Identification

DB 608H- 201-PF

DB: SERIES NAME
 60:Dimensions CODE
 8: 8PIN
 H:MATERIAL CODE.
 201: IMPEDANCE CODE.
 PF:Pb-Free

P/N	A	B	C	D	E
DB508	3.5 ± 0.3	5.0 ± 0.3	2.7Max	0.8±0.3	0.3±0.2
DB608	6.0Max	6.5Max	3.3Max	1.27±0.5	0.5±0.2
DB608H	5.8 ± 0.5	6.0 ± 0.5	4.1 ± 0.5	1.27±0.5	0.5±0.2
Continued	Customized				

Recommended Pattern(mm)



DB508

DB608



SMD Common Mode Filters-DB Series

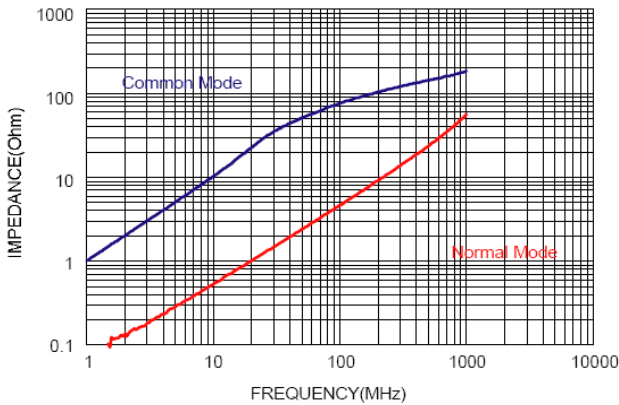
DB series For EMC in High Speed Data Line

Electrical Characteristics

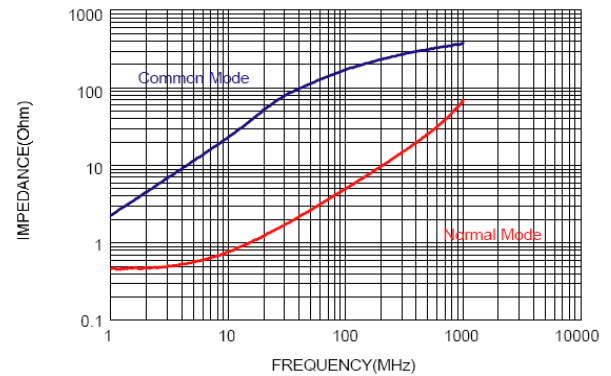
Part Number	Impedance (Ω)	Test Frequency (MHz)	Rdc Max (Ω)	Idc Max (mA)	Withstand Voltage (Vdc)
DB508-900-PF	90Min	100	0.10	500	100
DB508-161-PF	160Min	100	0.12	500	100
DB508-201-PF	200 \pm 35%	100	0.13	500	100
DB508-301-PF	300Min	100	0.15	500	100
DB508-501-PF	500 \pm 35%	100	0.16	500	100

Impedance Vs Frequency Curve

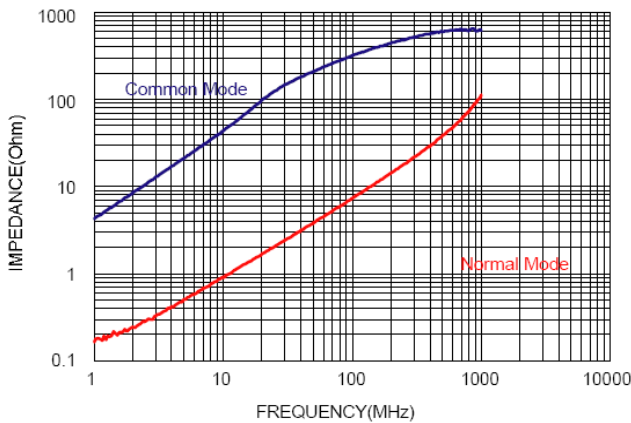
DB508-900-PF



DB508-201-PF



DB508-301-PF





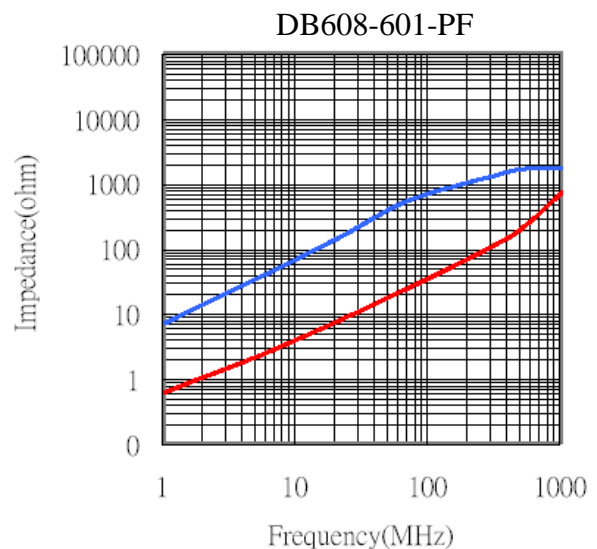
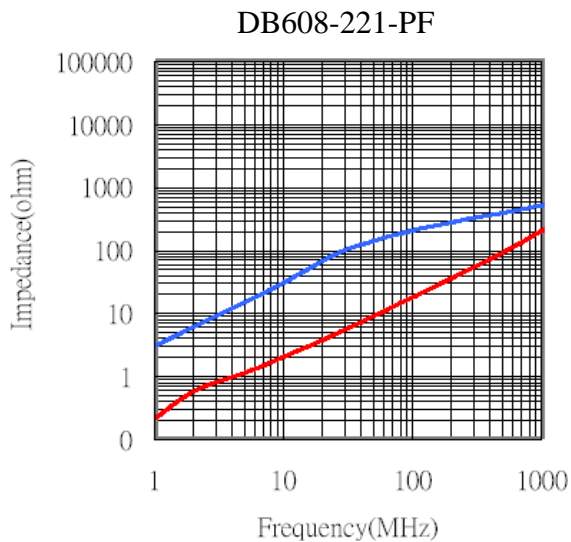
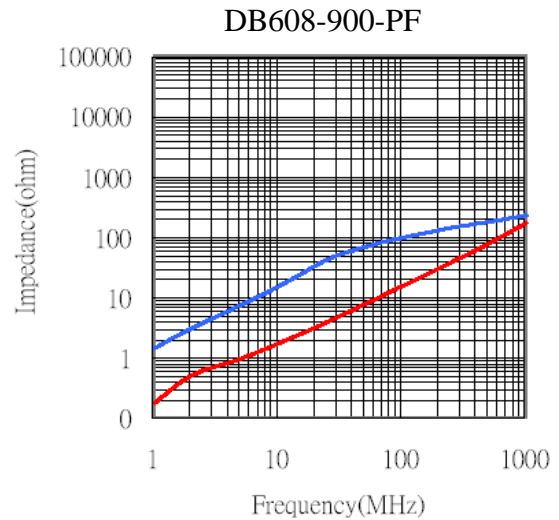
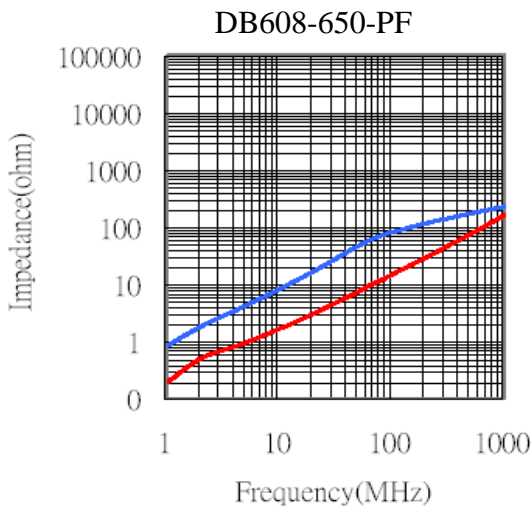
SMD Common Mode Filters-DB Series

DB series For EMC in High Speed Data Line

Electrical Characteristics

Part Number	Impedance (Ω)	Test Frequency (MHz)	Rdc Max (Ω)	Idc Max (mA)	Withstand Voltage (Vdc)
DB608-300-PF	30 \pm 35%	100	0.03	650	100
DB608-650-PF	65 \pm 35%	100	0.06	650	100
DB608-900-PF	90 \pm 35%	100	0.06	650	100
DB608-121-PF	120 \pm 35%	100	0.08	650	100
DB608-221-PF	220 \pm 35%	100	0.08	500	100
DB608-301-PF	300 \pm 35%	100	0.12	500	100
DB608-501-PF	500 \pm 35%	100	0.12	500	100
DB608-601-PF	600 \pm 35%	100	0.12	500	100

Impedance Vs Frequency Curve





SMD Common Mode Filters-DB Series

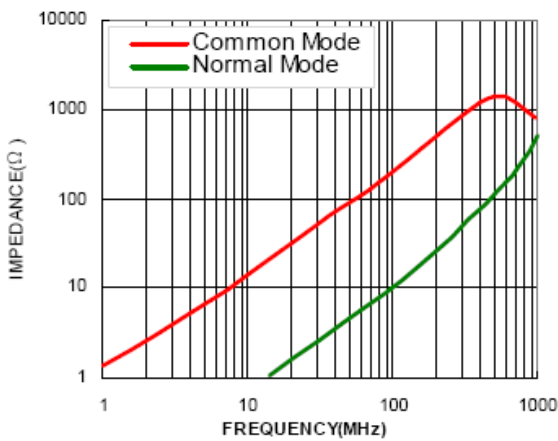
DB series For EMC in High Speed Data Line

Electrical Characteristics

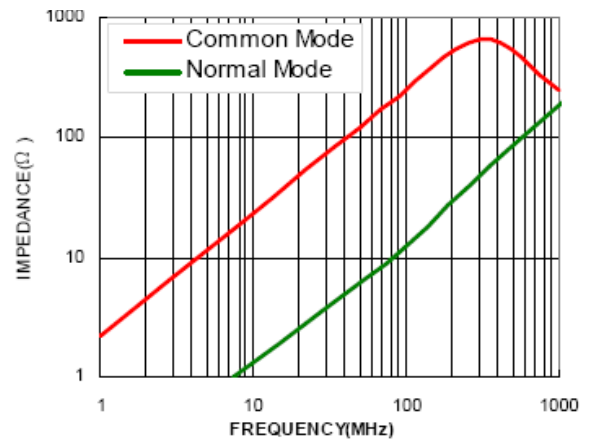
Part Number	Impedance (Ω)	Test Frequency (MHz)	Rdc Max (Ω)	Idc Max (mA)	Withstand Voltage (Vdc)
DB608H-900-PF	90Min	100	0.06	650	100
DB608H-201-PF	200Min	100	0.08	650	100
DB608H-501-PF	500 \pm 35%	100	0.10	500	100
DB608H-901-PF	900 \pm 35%	100	0.12	500	100

Impedance Vs Frequency Curve

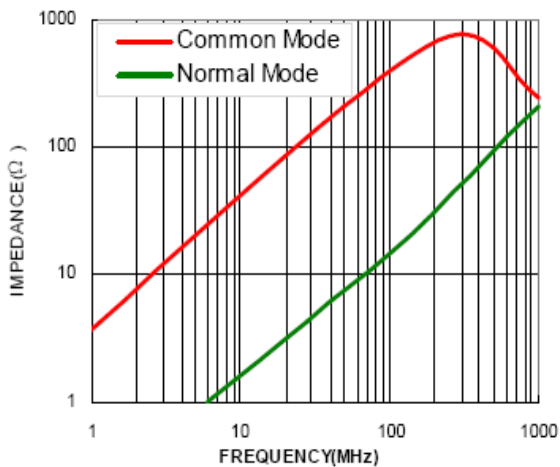
DB608H-900-PF



DB608H-201-PF



DB608H-501-PF

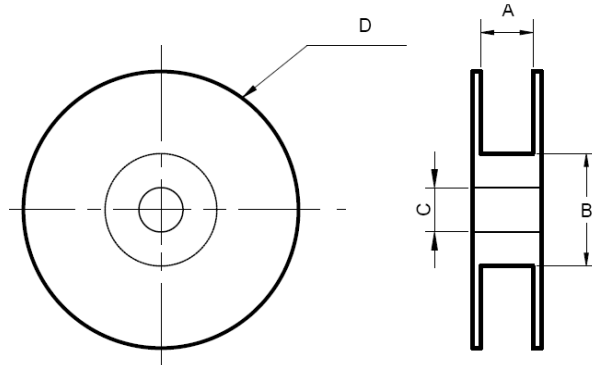




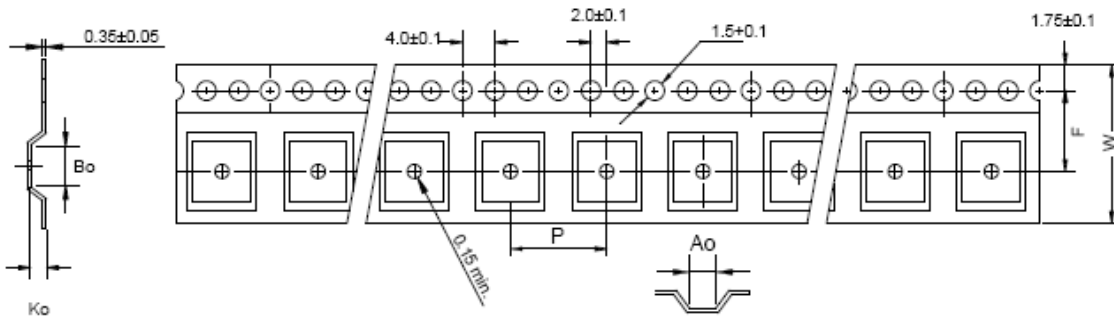
SMD Common Mode Filters-DB Series

PACKAGING

REEL Dimensions (mm)



Tape Dimensions (mm)



TAPE DIMENSIONS AND PACKAGING QUANTITIES

TYPE	Tape Dimensions											Quantity/Reel
	Ao	Bo	T	W	P	F	Ko	A	B	C	D	
DB508	5.3±0.1	4±0.1	0.35	8±0.1	12±0.3	5.5±0.1	2.5±0.1	12.5±0.1	100	13±0.3	330	3000
DB608	6.7±0.1	6.3±0.1	0.35	12±0.1	16±0.3	7.5±0.1	3.5±0.1	16.5±0.1	100	13±0.3	330	1000
DB608H	6.7±0.1	6.3±0.1	0.35	12±0.1	16±0.3	7.5±0.1	4.3±0.1	16.5±0.1	100	13±0.3	330	1000