

1.Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. EMSF1210F2SF series realizes small size and low profile. 1.2x1.0x0.9 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Excellent for USB3.0



2.Dimension

當破損面積 < 5% 產品列入允收品範圍
▲ 產品破損寬度

Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
1210F2SF	1.2±0.2	1.0±0.2	0.9 max.	0.35±0.1	0.35±0.1	0.03 min.

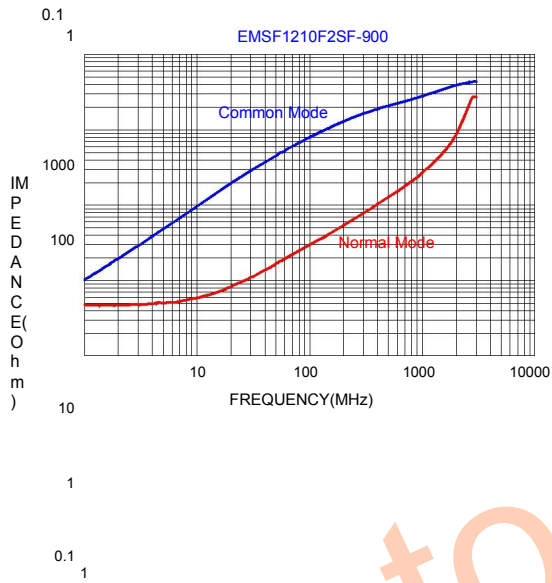
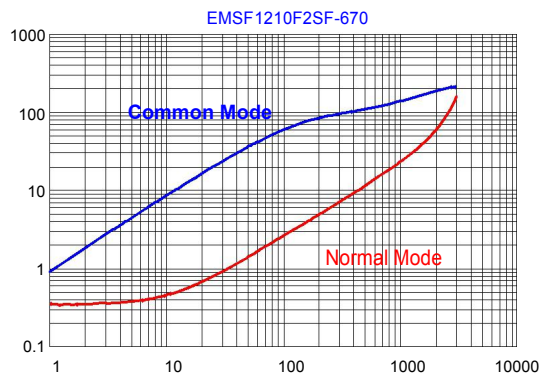
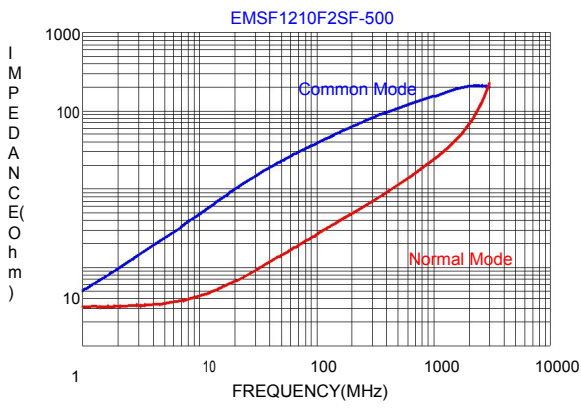
3.Part Numbering



- A: Series
- B: Dimension
- C: Material Ferrite
- D: Number of Lines 2=2 lines
- E: Type S=One Circuit Type , N=Unshielded
- F: Lead free
- G: Impedance 900=90Ω
- H: Packaging T=Taping and Reel, B=Bulk
- I: Rated Current 02=200mA

4.Specification

TOCOET Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc)	IR (Ω) min.
EMSF1210F2SF-500T02	50±25%	100	0.30	250	50	125	10M
EMSF1210F2SF-670T02	67±25%	100	0.30	250	50	125	10M
EMSF1210F2SF-900T02	90±25%	100	0.40	200	50	125	10M



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Wire Wound Type Common Mode Filter

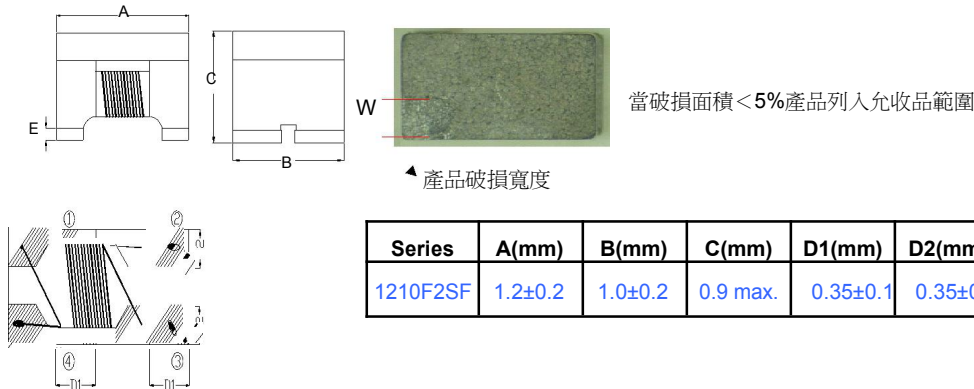
EMSF1210F2SF-SERIES

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2.Dimension



3.Part Numbering

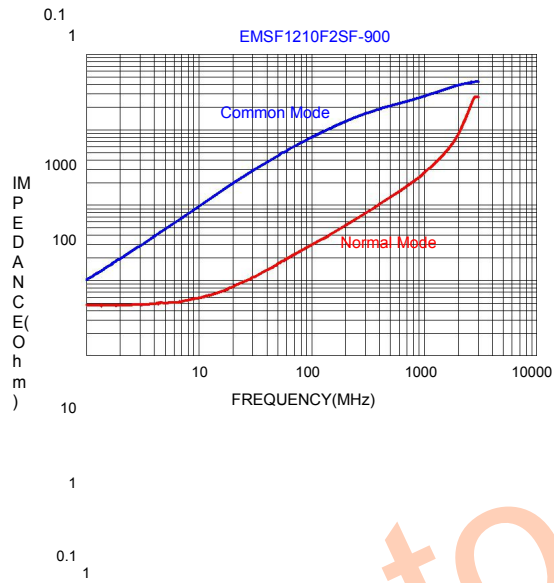
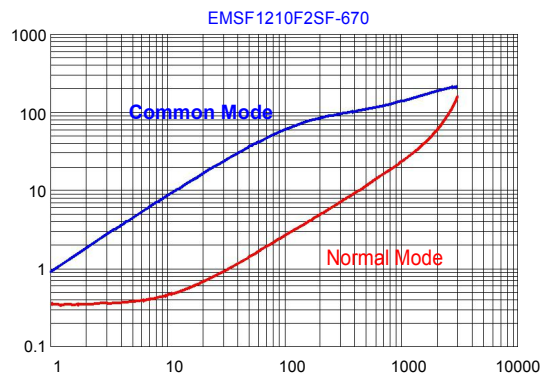
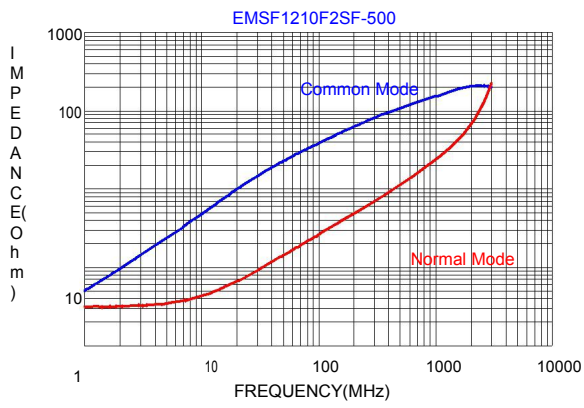
EMSF
1210
F
2
S
F
-
900
T
02

A B C D E F G H I

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4.Specification

TOCOET Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc)	IR (Ω) min.
EMSF1210F2SF-500T02	50±25%	100	0.30	250	50	125	10M
EMSF1210F2SF-670T02	67±25%	100	0.30	250	50	125	10M
EMSF1210F2SF-900T02	90±25%	100	0.40	200	50	125	10M



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Wire Wound Type Common Mode Filter

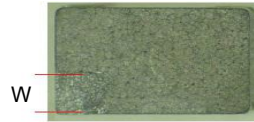
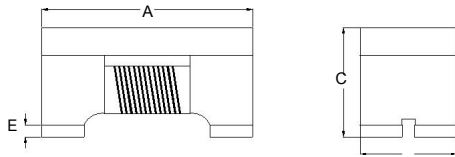
EMSF2012F2SF-SERIES

1.Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. EMSF2012F2SF series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



2.Dimension



當破損面積 < 5%, 產品列入允收品範圍

← 產品破損寬度

B

Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
2012F2SF	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

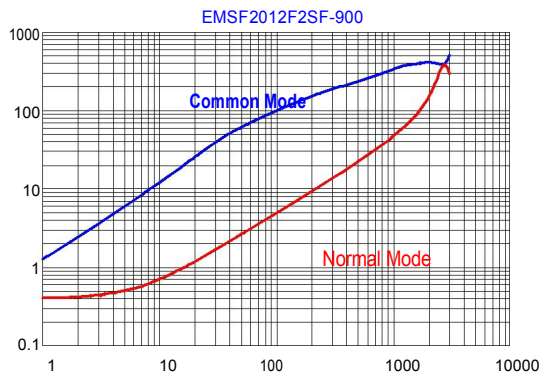
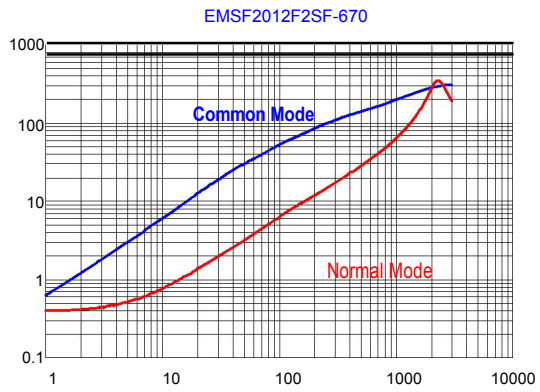
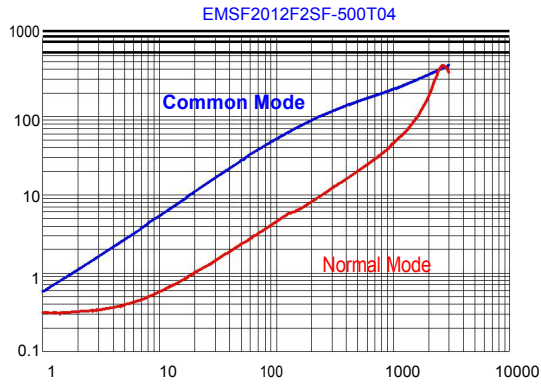
3.Part Numbering



- A: Series
- B: Dimension
- C: Material Ferrite Core
- D: Number of Lines 2=2 lines
- E: Type S=Shielded, N=Unshielded
- F: Lead free
- G: Impedance 670=67Ω
- H: Packaging T=Taping and Reel
- I: Rated Current 04=400mA

4.Specification

TOCOET Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc)	IR (Ω) min.
EMSF2012F2SF-500T04	50±25%	100	0.25	400	50	125	10M
EMSF2012F2SF-670T04	67±25%	100	0.30	400	50	125	10M
EMSF2012F2SF-900T04	90±25%	100	0.30	400	50	125	10M



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