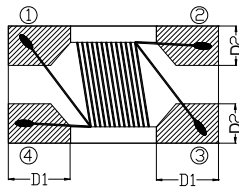
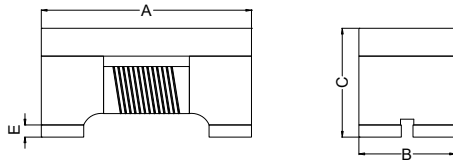


1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM2012F2SF series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature -40~+125°C (Including self - temperature rise).



2. Dimension



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

WCM	2012	F	2	S	F	-	900	T	04
A	B	C	D	E	F		G	H	I

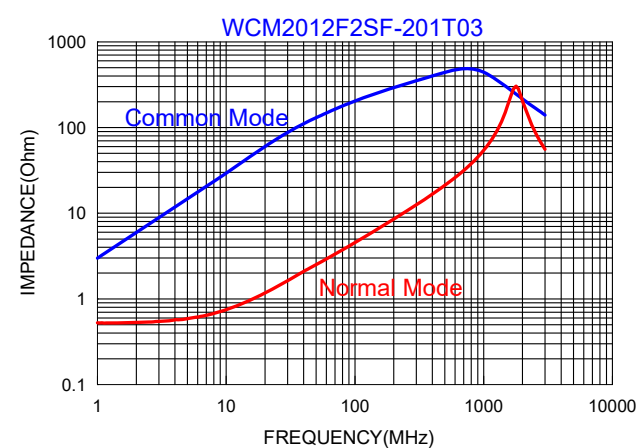
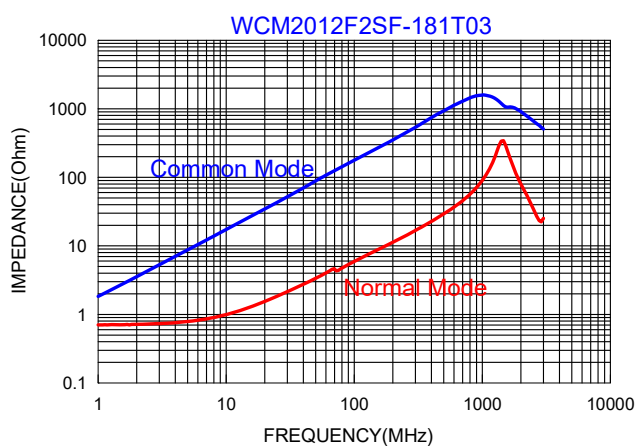
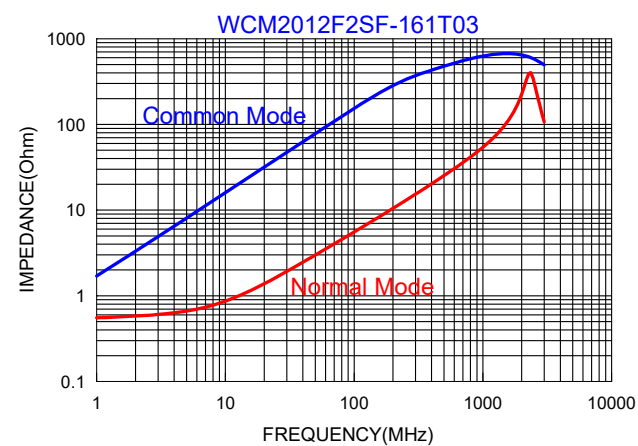
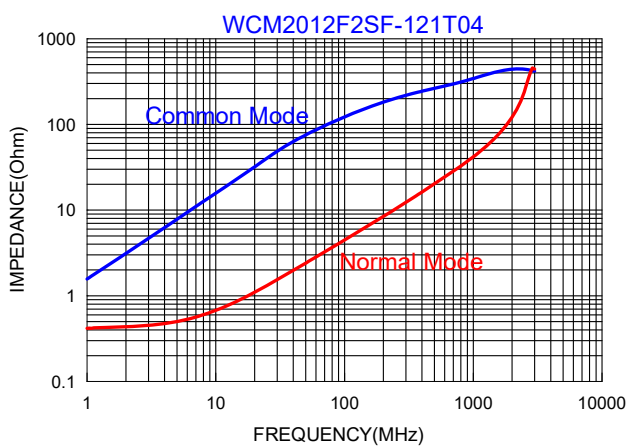
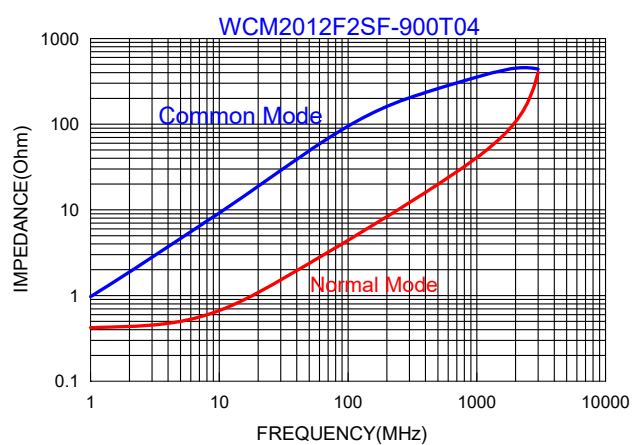
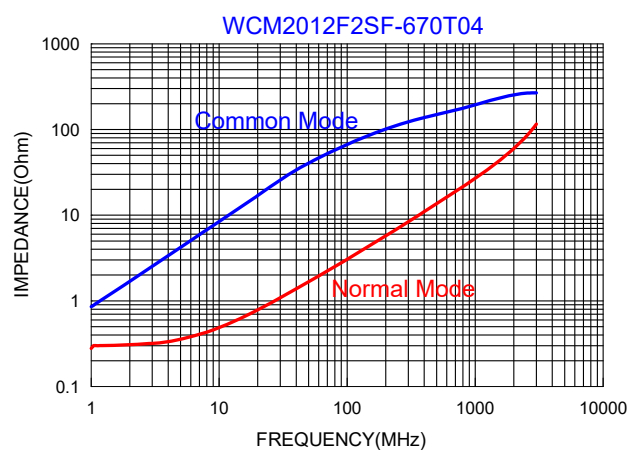
- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type S=Shielded , N=Unshielded
 F: Lead free
 G: Impedance 900=90Ω
 H: Packaging T=Taping and Reel
 I: Rated Current 04=400mA

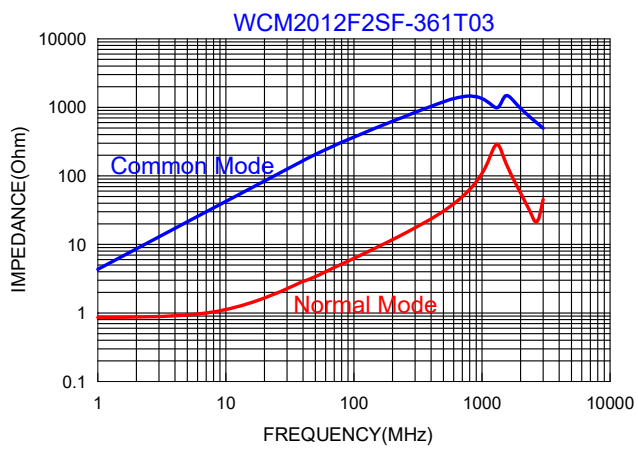
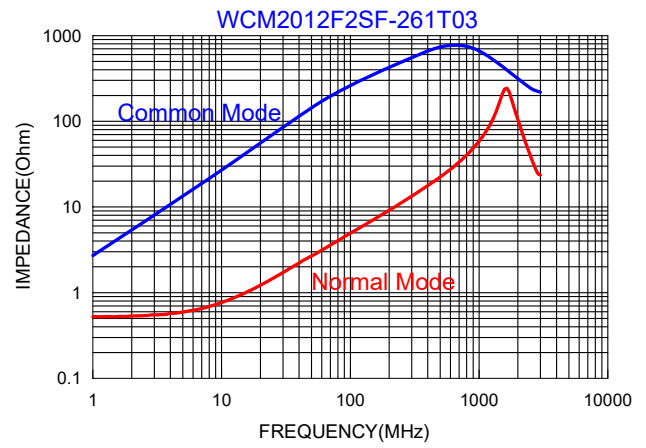
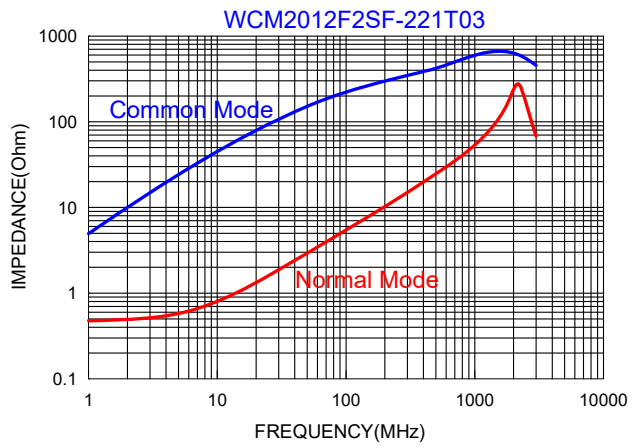
4. Specification

TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	Insulation Resistance (Ω) min.
WCM2012F2SF-670T04	67±25%	100	0.25	400	50	125	10M
WCM2012F2SF-900T04	90±25%	100	0.30	400	50	125	10M
WCM2012F2SF-121T04	120±25%	100	0.30	400	50	125	10M
WCM2012F2SF-181T03	180±25%	100	0.35	350	50	125	10M
WCM2012F2SF-201T03	200±25%	100	0.40	300	50	125	10M
WCM2012F2SF-221T03	220±25%	100	0.40	300	50	125	10M
WCM2012F2SF-261T03	260±25%	100	0.40	300	50	125	10M
WCM2012F2SF-361T03	360±25%	100	0.50	300	50	125	10M

Note:

- Samples Quantity : 10 pcs
- All test data referenced to 25°C ambient.

Typical Impedance v.s. Frequency Curve



Wire Wound Type Common Mode Filter

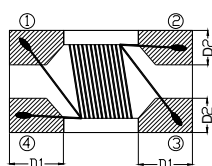
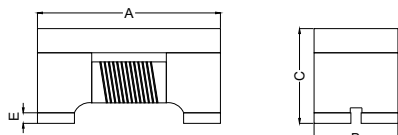
WCM3216F2SF-SERIES

1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM3216F2SF series realizes small size and low profile. 3.2x1.6x2.0 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature -40~+125°C (Including self - temperature rise)



2. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
3216F2SF	3.2±0.2	1.6±0.2	2.0±0.2	0.5±0.1	0.5±0.1	0.15±0.1

Units: mm

3. Part Numbering

WCM	3216	F	2	S	F	-	900	T	04
A	B	C	D	E	F		G	H	I

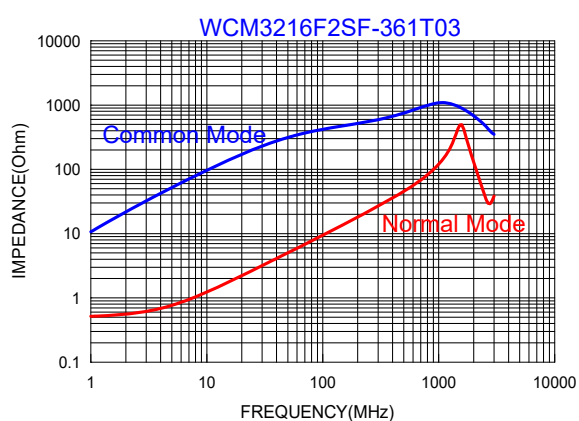
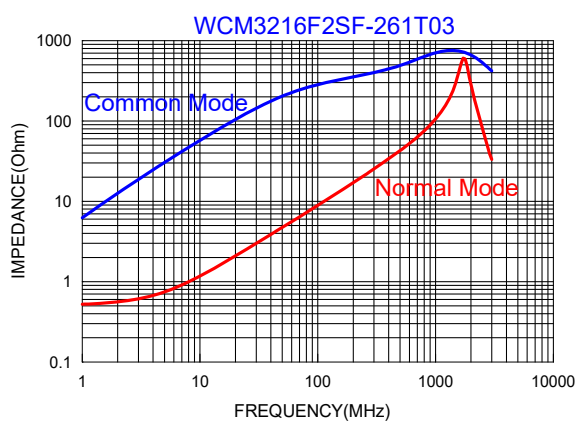
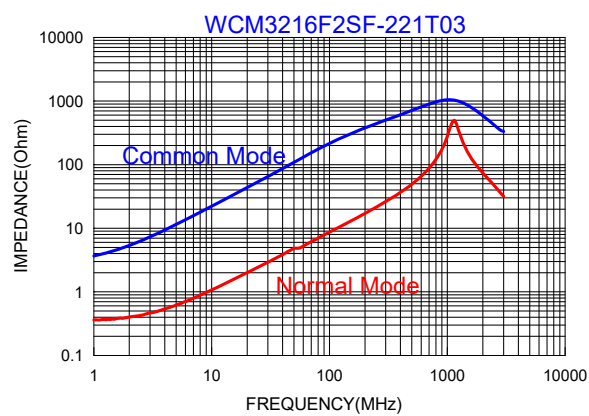
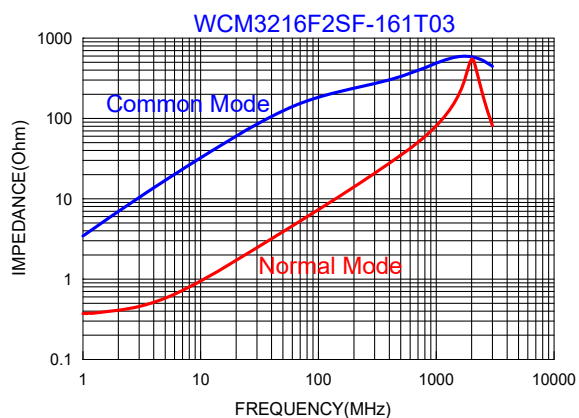
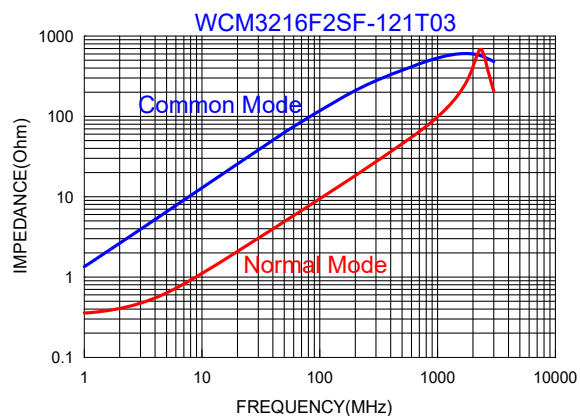
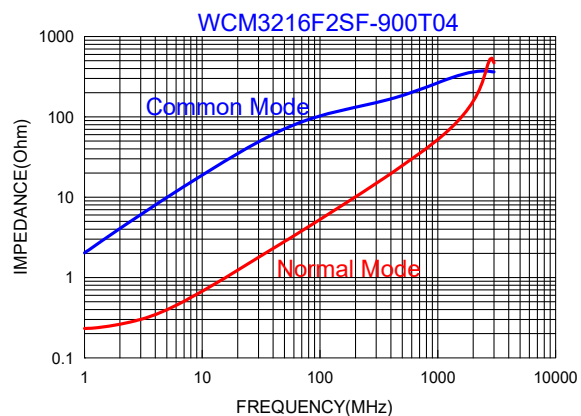
- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type S=Shielded , N=Unshielded
 F: Lead free type
 G: Impedance 900=90Ω
 H: Packaging T=Taping and Reel
 I: Rated Current 04=400mA

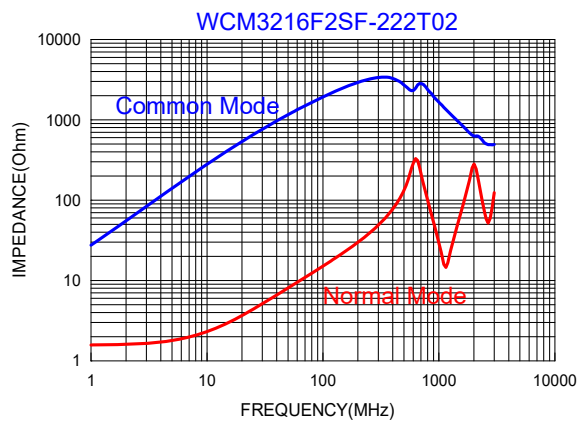
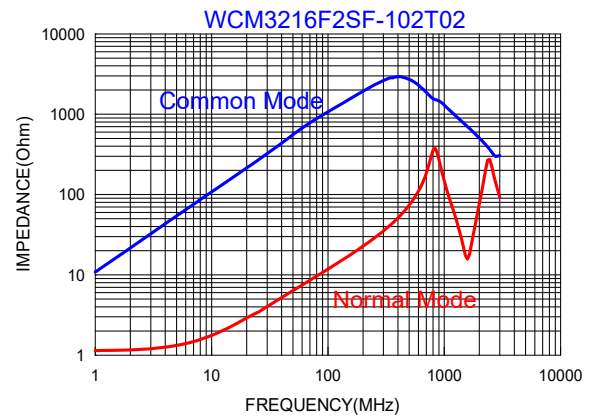
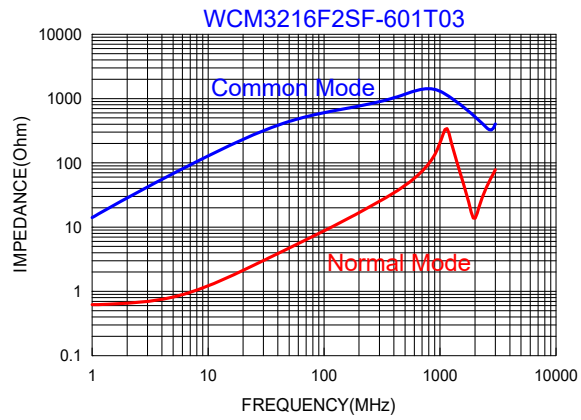
4. Specification

TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) Max.	Insulation Resistance (Ω) min.
WCM3216F2SF-900T04	90±25%	100	0.30	400	50	125	10M
WCM3216F2SF-121T03	120±25%	100	0.30	350	50	125	10M
WCM3216F2SF-221T03	220±25%	100	0.45	300	50	125	10M
WCM3216F2SF-261T03	260±25%	100	0.50	300	50	125	10M
WCM3216F2SF-361T03	360±25%	100	0.60	300	50	125	10M
WCM3216F2SF-601T03	600±25%	100	0.80	300	50	125	10M
WCM3216F2SF-102T02	1000±25%	100	1.00	200	50	125	10M
WCM3216F2SF-222T02	2200±25%	100	1.20	200	50	125	10M

Note:

- Samples Quantity : 10 pcs
- All test data referenced to 25°C ambient.

Typical Impedance v.s. Frequency Curve



Wire Wound Type Common Mode Filter

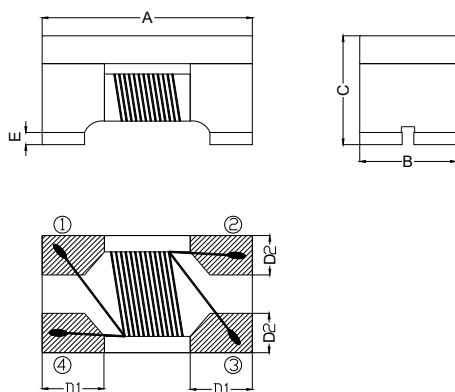
WCM3225F2SF-SERIES

1. Features

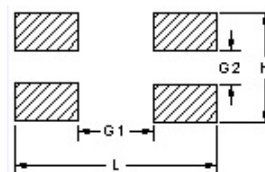
1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM3225F2SF series realizes small size and low profile. 3.2x2.5x2.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125℃ (Including self - temperature rise)



2. Dimension



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)	G1(mm)	G2(mm)	H(mm)	L(mm)
3225F2SF	3.2±0.2	2.5±0.2	2.2±0.2	0.8±0.1	0.9±0.1	0.15±0.1	1.6	0.6	3.5	4.4

Units: mm

3. Part Numbering

WCM	3225	F	2	S	F	-	102	T	04
A	B	C	D	E	F		G	H	I

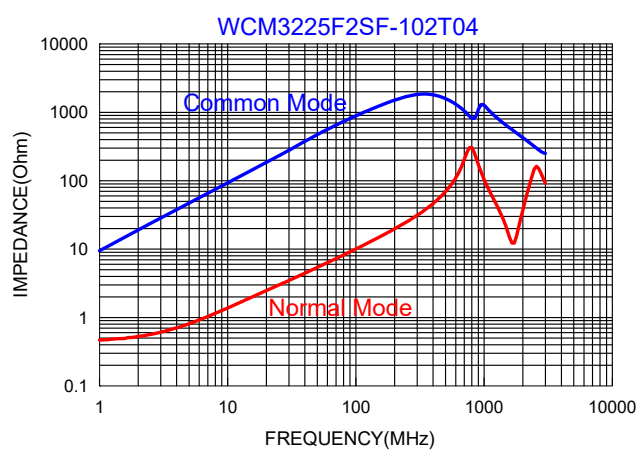
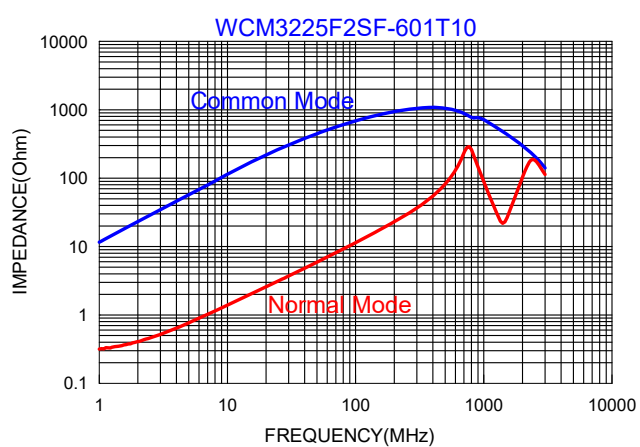
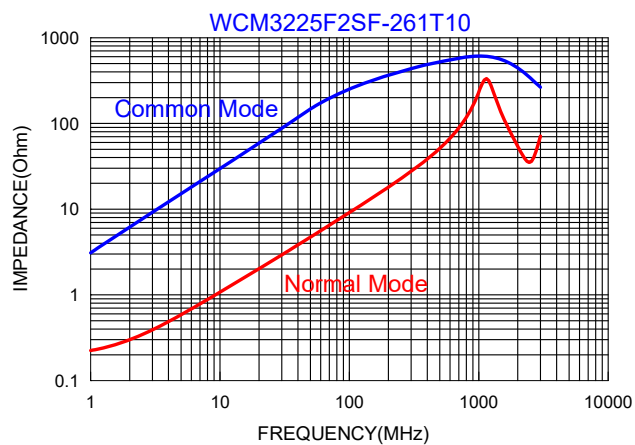
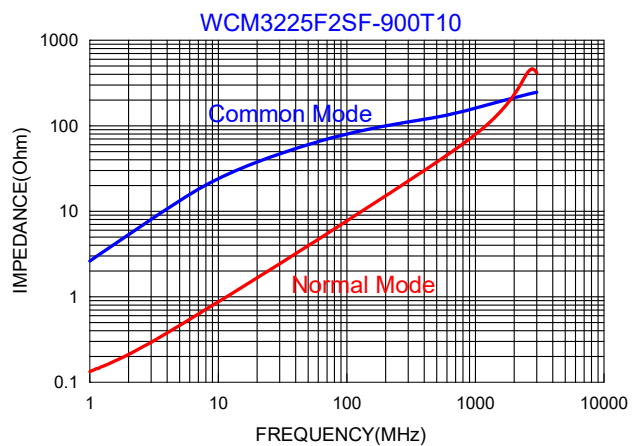
- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type S=Shielded , N=Unshielded
 F: Lead free type
 G: Impedance 102=1000Ω
 H: Packaging T=Taping and Reel
 I: Rated Current 04=400mA

4. Specification

TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	Insulation Resistance (Ω) min.
WCM3225F2SF-900T10	90±25%	100	0.050	1000	50	125	10M
WCM3225F2SF-601T10	600±25%	100	0.20	1000	50	125	10M
WCM3225F2SF-102T04	1000±25%	100	0.30	400	50	125	10M

Note:

- Samples Quantity : 10 pcs
- All test data referenced to 25℃ ambient.



Wire Wound Type Common Mode Filter

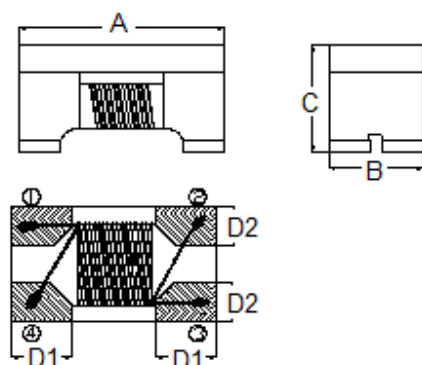
WCM4532F2SF-SERIES-HI

1. Features

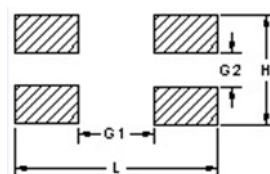
1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM4532F2SF series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125°C (Including self - temperature rise).



2. Dimension



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
4532F2SF	4.5±0.2	3.2±0.2	2.8±0.2	0.90±0.15	1.05±0.15	5.0	3.6	3.0	1.2

Units: mm

3. Part Numbering

WCM	4532	F	2	S	F	-	142	T	20	-	HI
A	B	C	D	E	F		G	H	I		J

- 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 142=1400Ω
 H: Packaging T=Taping and Reel
 I: Rated Current 20=2000mA
 J: Control S/N

4. Specification

TAI-TECH Part Number	Common mode Impedance (Ω)		Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	Insulation Resistance (Ω) min.
WCM4532F2SF-900T40-HI	68 min	90 typ.	100	0.050	4000	50	125	10M
WCM4532F2SF-231T35-HI	173 min	230 typ.	100	0.050	3500	50	125	10M
WCM4532F2SF-421T32-HI	300 min	420 typ.	100	0.055	3200	50	125	10M
WCM4532F2SF-601T25-HI	450 min	600 typ.	100	0.060	2500	50	125	10M
WCM4532F2SF-901T23-HI	650 min	900 typ.	100	0.070	2300	50	125	10M
WCM4532F2SF-142T20-HI	1000 min.	1400 typ.	100	0.100	2000	50	125	10M

Note:

- Samples Quantity : 10 pcs
- When current is applied , the temperature of the part should not exceed 125°C
- All test data referenced to 25°C ambient.

