

Wire Wound Type Common Mode Filter

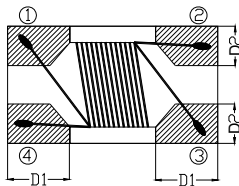
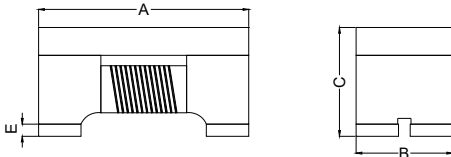
HDMI2012F2SV-SERIES

1. Features

1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. HDMI2012F2SV series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature -55~+125°C (Including self - temperature rise)



2. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
2012F2SV	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

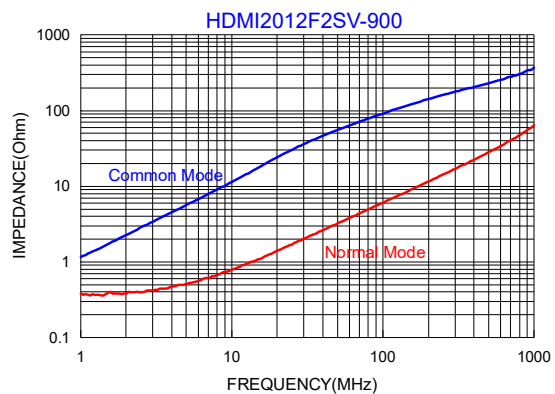
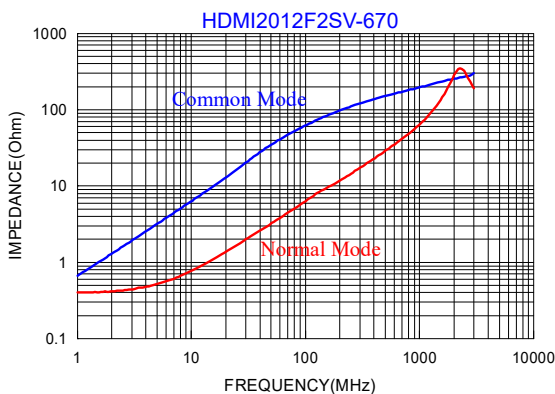
3. Part Numbering



- A: Series
- B: Dimension
- C: Material Ferrite
- D: Number of Lines 2=2 lines
- E: Type S=One Circuit Type , N=Unshielded
- F: Category Code V=Vehicle
- G: Impedance 900=90Ω
- H: Packaging T=Taping and Reel, B=Bulk
- I: Rated Current 04=400mA
- J: Control S/N

4. Specification

TAI-TECH 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.
	67 typ.	50 min.						
HDMI2012F2SV-670T04	67 typ.	50 min.	100	0.30	400	50	125	10M
HDMI2012F2SV-900T04	90 typ.	65 min.	100	0.30	400	50	125	10M



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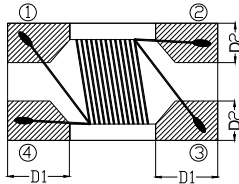
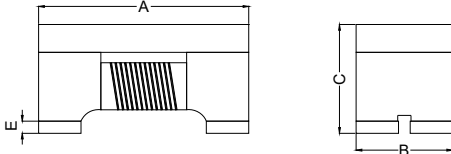
HDMI2012F2SV-900T03-SL

1. Features

1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. HDMI2012F2SV series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature--55~+125°C (Including self - temperature rise)

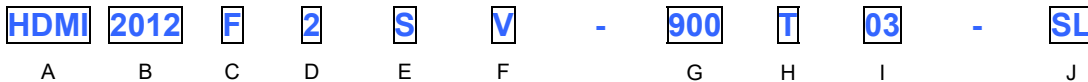


2. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
2012F2SV	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

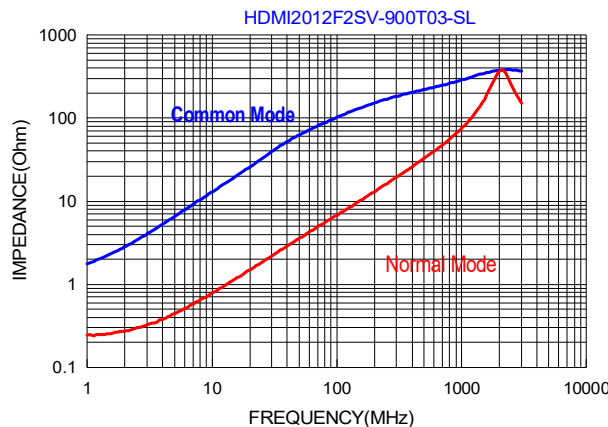
3. Part Numbering



- A: Series
- B: Dimension
- C: Material Ferrite
- D: Number of Lines 2=2 lines
- E: Type S=One Circuit Type , N=Unshielded
- F: Category Code V=Vehicle
- G: Impedance 900=90Ω
- H: Packaging T=Taping and Reel, B=Bulk
- I: Rated Current 03=300mA
- J: Control S/N

4. Specification

TAI-TECH 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.
HDMI2012F2SV-900T03-SL	90 ±25%	100	0.3	300	50	125	10M



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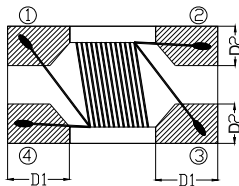
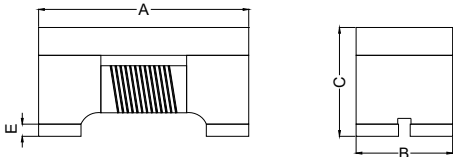
HDMI2012F2SV-900T03-0R5

1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. HDMI2012F2SV series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature-55~+125°C (Including self - temperature rise)



2. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
2012F2SV	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

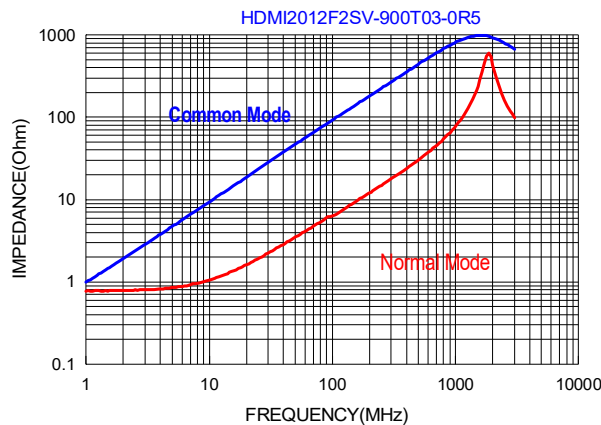
3. Part Numbering



- A: Series
- B: Dimension
- C: Material Ferrite Core
- D: Number of Lines 2=2 lines
- E: Type S=Shielded, N=Unshielded
- F: Category Code V=Vehicle
- G: Impedance 900=90Ω
- H: Packaging T=Taping and Reel
- I: Rated Current 03=300mA
- J: DC Resistance 0R5=0.50

4. Specification

TAI-TECH 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.
HDMI2012F2SV-900T03-0R5	90±25%	100	0.50	300	50	125	10M



5. Schematic Diagram

