

# Common Mode Filter

MCF0806YSF2-Series

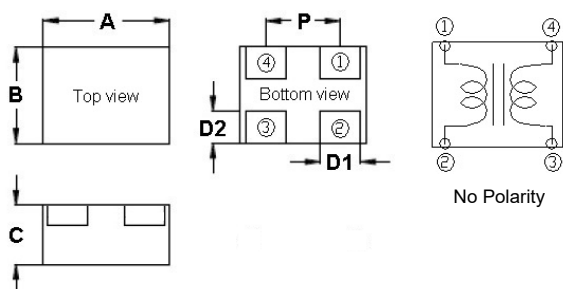
## 1. Features and Application

- MCF Series are common mode filter designed to suppress common mode noise for high speed differential data lines, such as USB, LVDS, DVI, HDMI, and MIPI.
- These differential interfaces can be used in personal computers, note books, mobile phone, LED, TVs, Blu-ray/DVD players, personal handheld equipments, etc.
- Operating Temperature:-25~+85°C (Including self-temperature rise)



Certificate of Green Partner

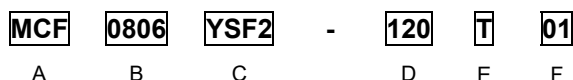
## 2. Dimensions



Size	Chip Size					
	A	B	C	P	D1	D2
0806	0.85±0.05	0.65±0.05	0.40 ±0.05	0.50±0.10	0.27±0.05	0.20±0.10

Units: mm

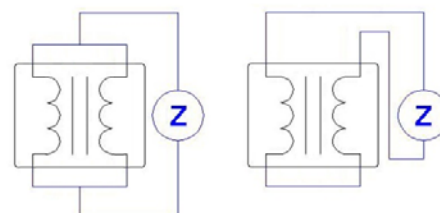
## 3. Part Numbering



- A: Series
- B: Dimension
- C: Material Lead Free Code
- D: Impedance Common Mode Impedance 120=12Ω
- E: Packaging T=Taping and Reel
- F: Rated Current 01=100mA

Common mode

Differential mode



## 4. Specification

Tai-Tech Part Number	Common Mode Impedance (Ω)	Test Frequency (MHz)	Rated Voltage (Vdc)	Insulation Resistance (MΩ) min.	DC Resistance (Ω) max.	Rated Current (mA) max.
MCF0806YSF2-120T01	12±25%	100	5	10	1.7	100
MCF0806YSF2-470T01	47±25%	100	5	10	3.8	100

- Rated current: based on temperature rise test

# Impedance-Frequency Characteristics

