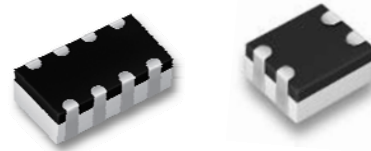


◆ Feature

TCF series is a thin film common mode filter designed to suppress common mode noise for high speed differential data lines, such as USB 2.0, IEEE 1394, LVDS, DVI, HDMI, and S-ATA.

NEW

RoHS



◆ Application

TCF Series can be used in personal computers, note books, LCD monitors, LCD/PDP/DLP TVs, Blu-ray/DVD players, personal handheld equipments, etc.

◆ How to Order

TCF 0804 H 900 04 A

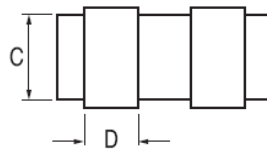
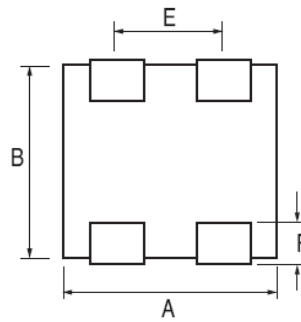
(1) (2) (3) (4) (5) (6)

- (1) Series Type: Thin Film Common Mode Filter
- (2) Chip Size(EIA):0504, 0804
- (3) Speed Identification Code: H=High Speed
- (4) Impedance(at 100MHz): 650= 65Ω,900= 90Ω
- (5) Line Code: 02= 2 lines,04= 4 lines
- (6) Specialized Specification Code

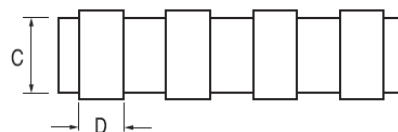
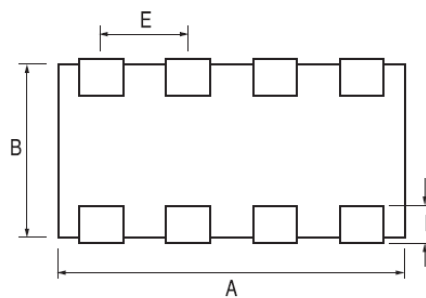
◆ Dimension

Unit: mm

Size EIA (EIAJ)	0504 (1210)
A	1.0±0.2
B	1.25±0.15
C	0.6±0.15
D	0.25±0.15
E	0.5±0.1
F	0.2±0.15



Size EIA (EIAJ)	0804 (2010)
A	2.0±0.2
B	1.05±0.15
C	0.6±0.15
D	0.25±0.15
E	0.5±0.1
F	0.2±0.15

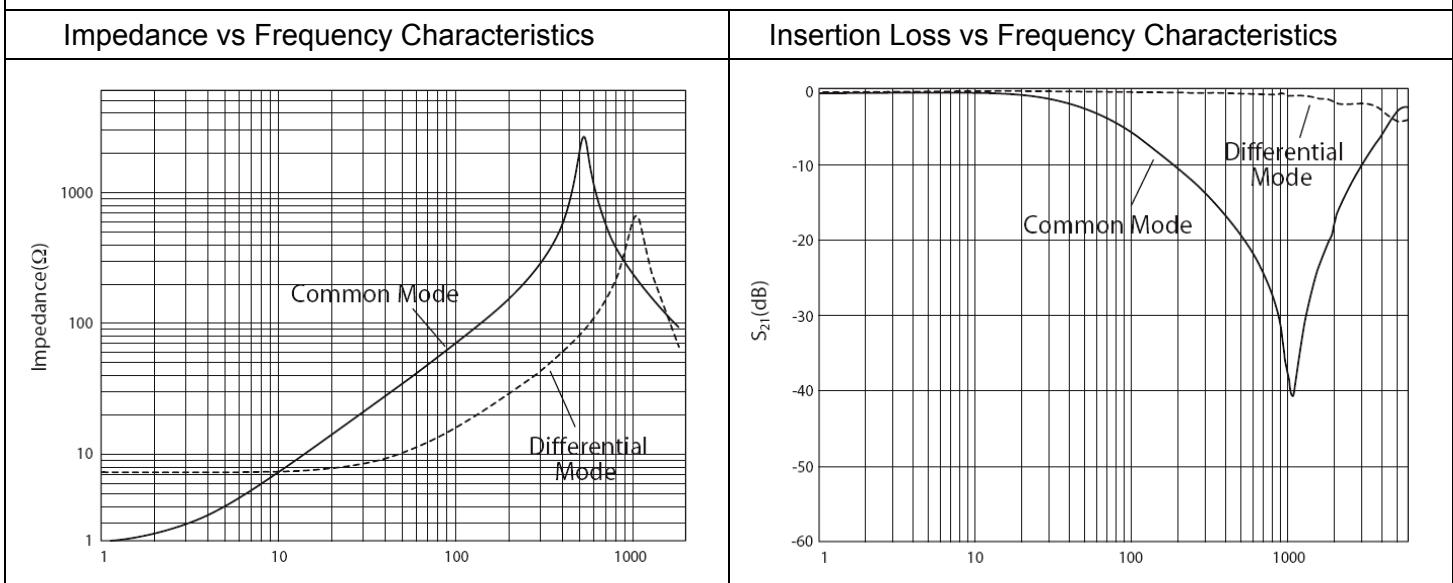


◆ Specification

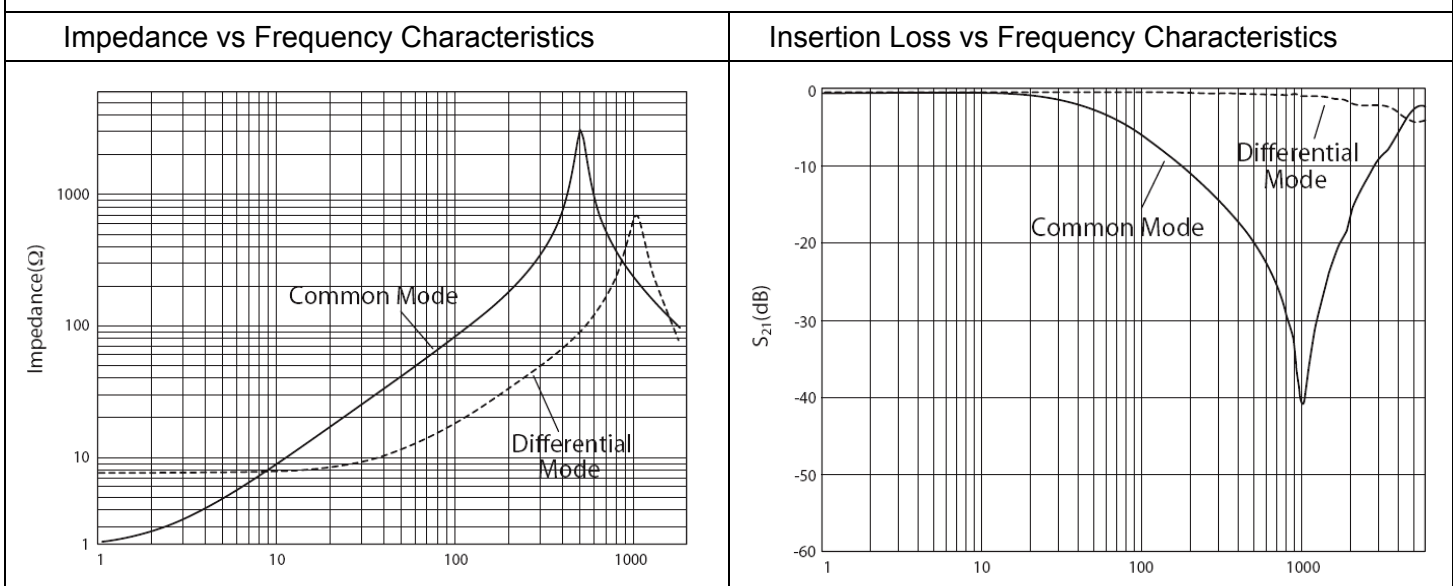
Part Number	Rated Voltage	Rated Current	Lead Soldering Temperature	Common Mode Impedance (at 100 MHz)	Cut-off Frequency	DC Resistance	Insulation Resistance
Symbol	$V_{DC}$	$I_{DC}$	$T_{SOL}$	Typ.	Typ.	Typ.	Min.
Units	V	mA	°C	$\Omega$	GHz	$\Omega$	M $\Omega$
TCF0504H65002A <i>(NEW)</i>	5	100	260 (10 sec.)	65	4	3	10
TCF0504H90002A <i>(NEW)</i>	5	100	260 (10 sec.)	90	4	3	10
TCF0804H65004A <i>(NEW)</i>	5	100	260 (10 sec.)	65	4	3	10
TCF0804H90004A <i>(NEW)</i>	5	100	260 (10 sec.)	90	4	3	10

◆ Typical Characteristics

TCF0504H65002A, TCF0804H65004A



TCF0504H90002A, TCF0804H90004A



● All Specifications are subject to change without notice.

[www.inpaq.com.tw](http://www.inpaq.com.tw)

## ◆ Package

Size EIA (EIAJ)	0504 (1210)	0804 (2010)
Standard Packing Quantity (pcs / reel)	4,000	3,000