

CPFC54



◆ Features

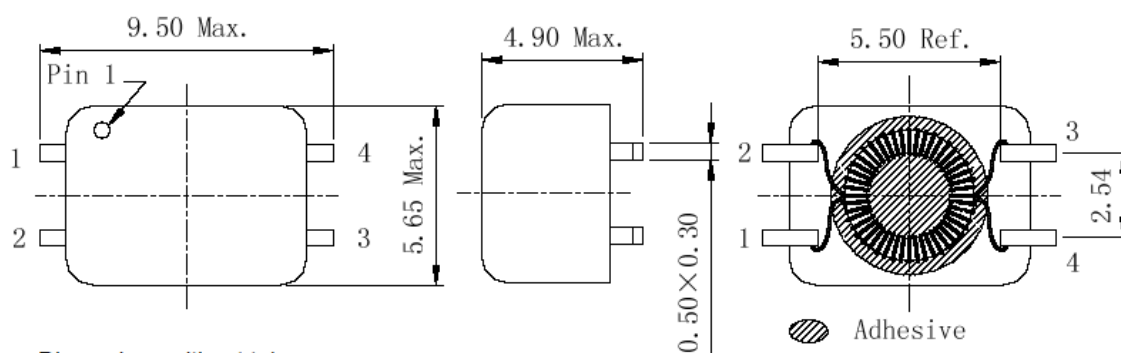
- High performance
- Suitable for reflow soldering and conductive adhesion
- Wide inductance range
- RoHS compliance



◆ Application

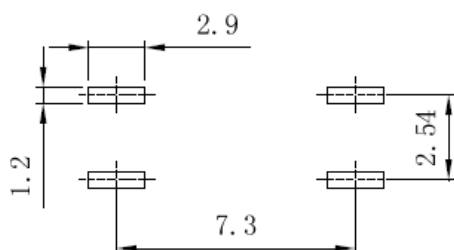
- Digital communication equipment
- Signal line

◆ Dimension & Circuit (mm)

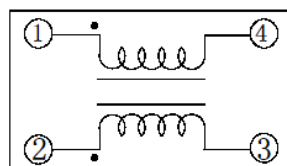


- * Dimensions without tolerance are approx.
- * Dimension does not include solder used on coil.
- * Pin pitch shall be measured at the root of terminal.

◆ Land Patterns (mm)



◆ Schematics (Bottom)





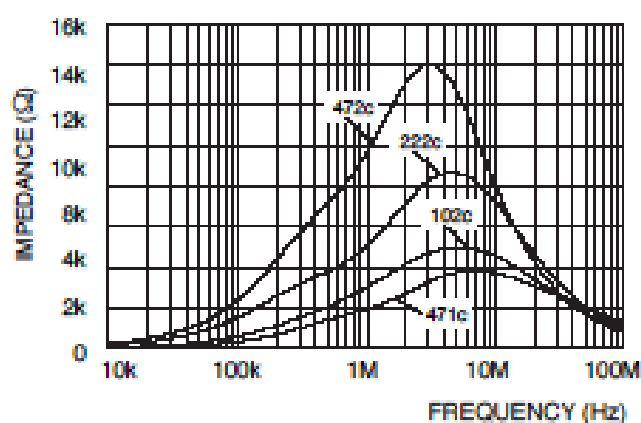
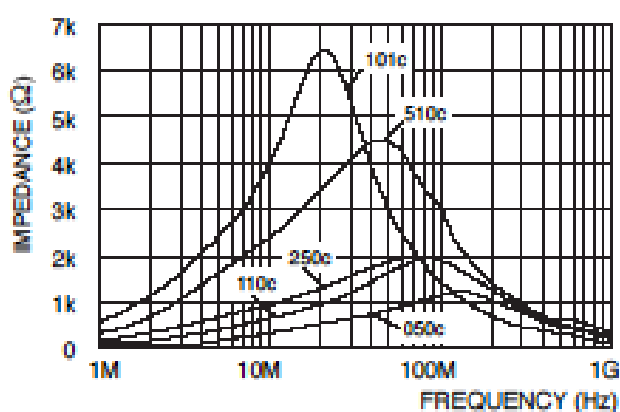
◆ Specifications

Part Name	Stamp	Inductance (μH) (1-4) or (2-3) ※1	L _S (nH)Typ. 1-4(2+3 short) ※2	I _R (mA)1-2 (3+4short) ※3	D.C.R(mΩ) Typ. (1-4) or (2-3) (at 20℃)	Hipot (V) (1, 4-2, 3) DC 2s 0.5mA
CPFC54-050C	050C	5±30%	50	900	100	250
CPFC54-110C	110C	11±30%	50	700	120	250
CPFC54-250C	250C	25±30%	150	700	130	250
CPFC54-250S	250S	25±30%	1500	700	130	250
CPFC54-510C	510C	51±30%	200	600	160	250
CPFC54-510S	510S	51±30%	2000	600	160	250
CPFC54-101C	101C	100±30%	200	500	230	250
CPFC54-471C	471C	470±30%	200	500	200	750
CPFC54-102C	102C	+50% 1000-30%	250	500	200	750
CPFC54-222C	222C	+50% 2200-30%	250	400	400	750
CPFC54-472C	472C	+50% 4700-30%	300	200	650	750

※1、※2 Measuring condition 100kHz, 0.1V

※3 . I_R:DC current when temperature of coil increased up to 40℃.(Ta=20℃)

◆ Impedance Characteristics



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Sumida:

[CPFC54-101C](#) [CPFC54-102C](#) [CPFC54-110C](#) [CPFC54-222C](#) [CPFC54-250C](#) [CPFC54-250S](#) [CPFC54-471C](#)
[CPFC54-472C](#) [CPFC54-510S](#)