

CPFC54



◆ Features

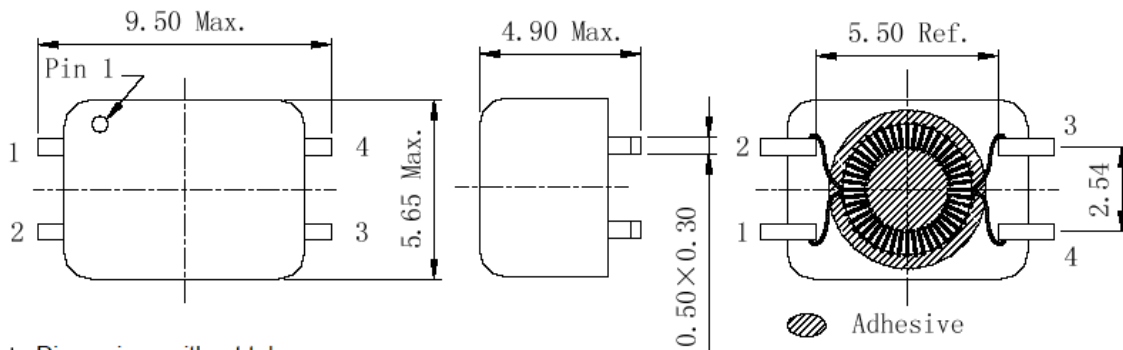
- High performance
- Suitable for reflow soldering and conductive adhesion
- Wide inductance range
- RoHS compliance



◆ Application

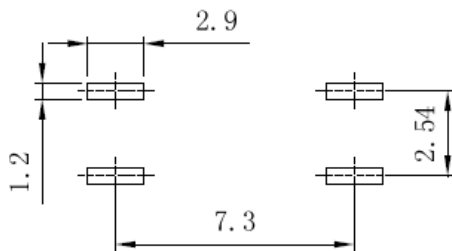
- Digital communication equipment
- Signal line

◆ Dimension & Circuit (mm)

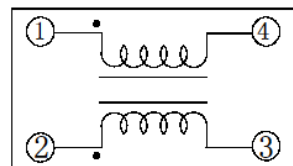


- * Dimensions without tolerance are approx.
- * Dimension does not include solder used on coil.
- * Pin pitch shall be measured at the root of terminal.

◆ Land Patterns (mm)



◆ Schematics (Bottom)





◆ Specifications

Part Name	Stamp	Inductance (μH) (1-4) or (2-3) ※1	$L_S(\text{nH})$ Typ. 1-4(2+3 short) ※2	$I_R(\text{mA})$ 1-2 (3+4short) ※3	D.C.R($\text{m}\Omega$) Typ. (1-4) or (2-3) (at 20°C)	Hipot (V) (1, 4-2, 3) DC 2s 0.5mA
CPFC54-050C	050C	$5 \pm 30\%$	50	900	100	250
CPFC54-110C	110C	$11 \pm 30\%$	50	700	120	250
CPFC54-250C	250C	$25 \pm 30\%$	150	700	130	250
CPFC54-250S	250S	$25 \pm 30\%$	1500	700	130	250
CPFC54-510C	510C	$51 \pm 30\%$	200	600	160	250
CPFC54-510S	510S	$51 \pm 30\%$	2000	600	160	250
CPFC54-101C	101C	$100 \pm 30\%$	200	500	230	250
CPFC54-471C	471C	$470 \pm 30\%$	200	500	200	750
CPFC54-102C	102C	$1000^{+50\%}_{-30\%}$	250	500	200	750
CPFC54-222C	222C	$2200^{+50\%}_{-30\%}$	250	400	400	750
CPFC54-472C	472C	$4700^{+50\%}_{-30\%}$	300	200	650	750

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

※3 . I_R :DC current when temperature of coil increased up to 40°C.($T_a=20^\circ\text{C}$)

◆ Impedance Characteristics

