

Excellent Integrated System Limited

Stocking Distributor

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[Sumida Corporation](#)

[CPFC74NP-PS10H2A15](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

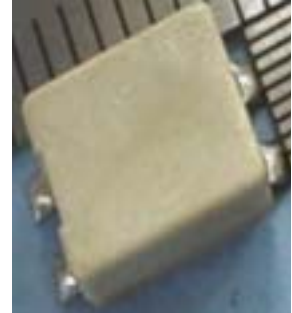
Type: CPFC74

◆ **Product Description**

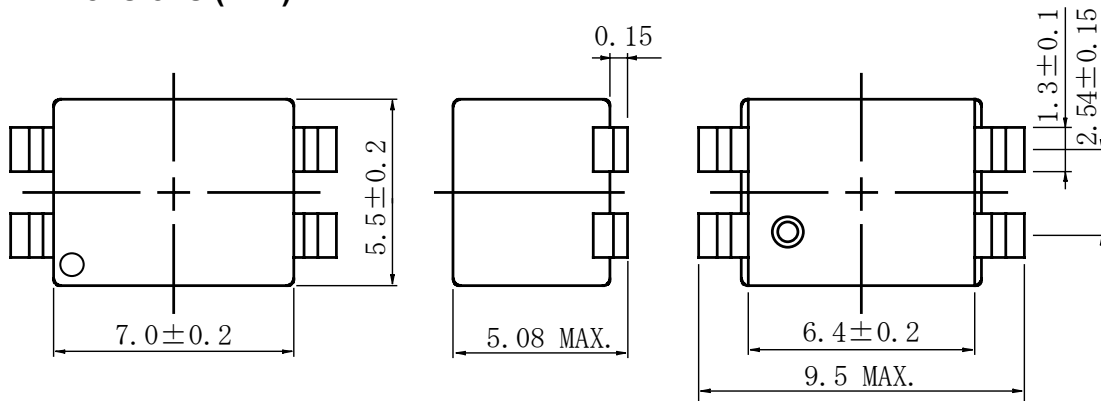
- 9.5×5.7mm Max.(L×W), 5.1mm Max. Height .

◆ **Feature**

- Ideally used in CAN BUS ,AV,OA equipment.
- RoHS Compliance

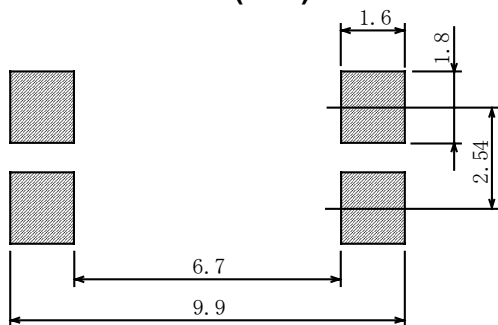


◆ **Dimensions (mm)**

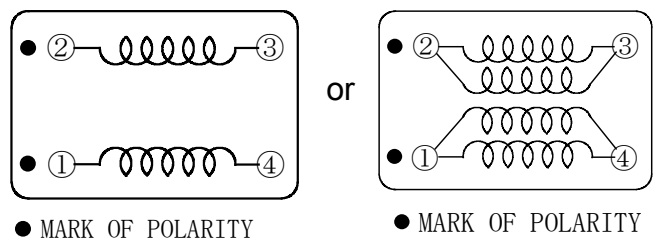


* Dimension does not include solder used on coil.

◆ **Land Pattern (mm)**



◆ **Schematics (Bottom)**



◆ **Specification (For CAN bus)**

Part Name.	Stamp	Impedance (Ω) (L1,L2 Parallel) (10~100MHz)	Insulation Resistance (MΩ)(Coil-Coil) (DC80V 1min)	Withstanding Voltage (coil-coil) (5sec)	D.C.R. (Ω) (1-2)at 20°C (3-4) short ※
CPFC74NP-CB1ØM4	C10M	1000 MIN.	100 MIN.	200V DC	0.6 MAX.
CPFC74NP-CBØ8M6	C08M	800 MIN.	100 MIN.	200V DC	0.5 MAX.

※ D.C.R. is measured by 2 lines as series because impedance will be deteriorated when D.C.R. is measured by 1 line.


DC COMMON MODE CHOKE COIL <SMD Type:CPFC Series>
Type: CPFC74
◆ Specification (For Power supply)

Part Name.	Stamp	Impedance (Ω) (L1,L2 Parallel)	Insulation Resistance ($M\Omega$)(Coil-Coil) (DC100V 1min.)	Withstanding Voltage (Coil-Coil) (5sec)	D.C.R. ($m\Omega$) (1-2)at 20°C (3-4) Short ※2	Rated Current (1-2)(A) (3-4) Short ※1
CPFC74NP-PS10H2A15	P15H	700 MIN. (100 MHz)	10 MIN.	D.C.125V	120	1.5
CPFC74NP-PS02H2A20	P20H	200 MIN. (20~300MHz)	10 MIN.	D.C.125V	120	2.0
CPFC74NP-PS03H2A25	P25H	300 MIN. (160 MHz)	10 MIN.	D.C.125V	120	2.5
CPFC74NP-PS01H2A30	P30H	100 MIN.	10 MIN.	D.C.125V	60	3.0

※1: Rated current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$.($T_a=20^{\circ}\text{C}$).

※2: D.C.R is measured by 2 lines as series because impedance will be deteriorated when D.C.R. is measured by 1 line.