



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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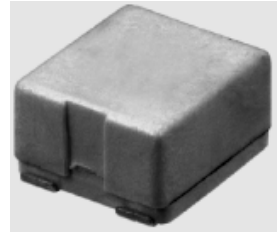
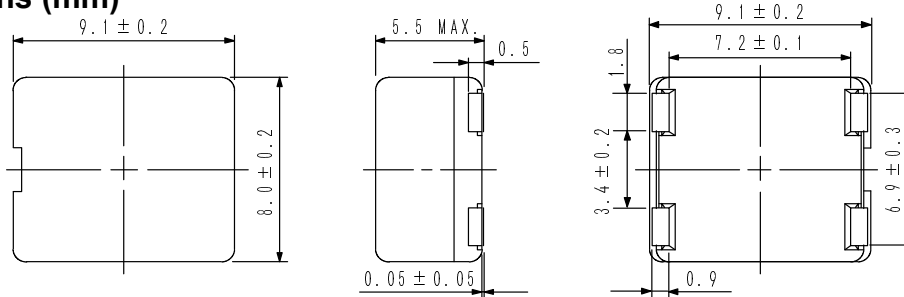
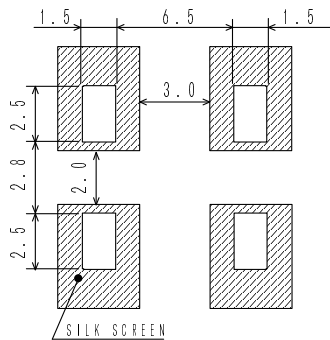
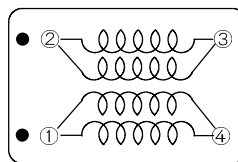


Type: CPFC85
◆ Product Description

- 9.3×8.2mm Max.(L×W), 5.5mm Max. Height.

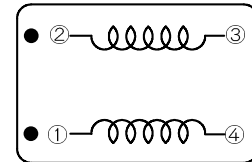
◆ Feature

- Ideally used as EMC and xDSL CO common mode choke.
- RoHS Compliance.


◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Schematics (Bottom)


● MARK OF POLARITY

For partname: CPFC85NP-100M03
CPFC85NP-100M10



● Mark of polarity

For partname: CPFC85-1M15NP

◆ Specification (For xDSL CO)

Part Name	Core Material	Stamp	Impedance (KΩ)<Min.> <REF.> (1-4),(2-3)	D.C.R. (mΩ)<Max.> (1-4),(2-3)	Rated current (1-2)(A) ※1 (3-4) shorted
CPFC85NP-100M03	Ni-Zn	0M03	0.3(@100MHz)	20	5.0
CPFC85NP-100M10	Ni-Zn	0M10	1.0(@100MHz)	25	3.0

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

◆ Specification (For EMC)

Part Name	Core Material	Stamp	Inductance (1-4),(2-3) @ 100kHz	Common mode attenuation(1-4,2-3)	D.C.R. (1-2) ※2	Isolation voltage (3-4), 1 minute
CPFC85-1M15NP	Mn-Zn	1M15	4.7mH±30% Within	30dB(Typ.)@100kHz 43dB(Typ.)@1MHz 34dB(Typ.)@10MHz	2.0Ω Max. at 20°C (3-4)shorted	500Vrms AC

※ 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.