



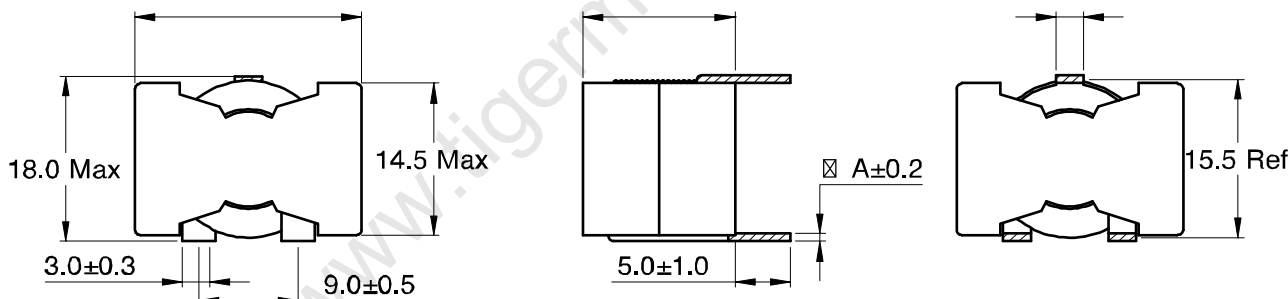
# CPCF2014A

## High Current Inductor

### FEATURES

- Assemblage design, sturdy structure.
- High inductance, high current, low magnetic loss, low ESR, small parasitic capacitance.
- Flat wire winding, achieve a low D.C. Resistance.
- Temperature rise current and saturation current is less influenced by environment.
- Operating temperature : -55°C ~ +150°C (Including coil's temperature rise).

Part Number	Dimension(mm)			Inductance (μH)	DCR(mΩ)		Saturation Current (A)	Temperature rise current (A)
	Length	Width	Height		Typical	Max		
CPCF2014A-2R2MC	20.5	14.0	14.5	2.20	1.70	2.20	55.0	28.0
CPCF2014A-2R7MC	20.5	14.0	14.5	2.70	1.70	2.20	48.0	28.0
CPCF2014A-3R3MC	20.5	14.0	14.5	3.30	3.28	3.80	48.0	24.0
CPCF2014A-4R7MC	20.5	14.0	14.5	4.70	3.28	3.80	35.0	24.0
CPCF2014A-5R6MC	20.5	14.0	14.5	5.60	3.28	3.80	30.0	24.0
CPCF2014A-6R8MC	20.5	14.0	14.5	6.80	6.60	7.30	34.0	18.0
CPCF2014A-8R2MC	20.5	14.0	14.5	8.20	6.60	7.30	29.0	18.0
CPCF2014A-100MC	20.5	14.0	14.5	10.0	6.60	7.30	23.0	18.0
CPCF2014A-150MC	20.5	14.0	14.5	15.0	8.60	9.50	18.0	16.0
CPCF2014A-220MC	20.5	14.0	14.5	22.0	8.60	9.50	13.0	16.0
CPCF2014A-330MC	20.5	14.0	14.5	33.0	8.60	9.50	9.00	16.0



Part No.	R70	1R4-2R2	2R7-3R1	3R3-4R2	4R7-5R6	6R8-150	220-470
Dimension A	1.20	1.10	0.80	0.70	0.60	0.40	0.35
Dimension B	1.60	1.50	1.20	1.10	1.00	0.90	0.70

