



# CPCF2918A

## 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		
CPCF2918A-1R0MC	27.9	19.7	17.8	1.00	0.50	0.60	120	60.0
CPCF2918A-1R5MC	27.9	19.7	17.8	1.50	0.72	0.87	110	50.0
CPCF2918A-2R2MC	27.9	19.7	17.8	2.20	0.72	0.87	85.0	50.0
CPCF2918A-3R3MC	27.9	19.7	17.8	3.30	2.60	2.86	91.0	28.0
CPCF2918A-4R7MC	27.9	19.7	17.8	4.70	2.60	2.86	61.2	28.0
CPCF2918A-6R8MC	27.9	19.7	17.8	6.80	2.60	2.86	45.0	28.0
CPCF2918A-100MC	27.9	19.7	17.8	10.0	2.60	2.86	31.2	28.0
CPCF2918A-150MC	27.9	19.7	17.8	15.0	2.60	2.86	21.2	28.0
CPCF2918A-220MC	27.9	19.7	17.8	22.0	2.60	2.86	14.0	28.0
CPCF2918A-330MC	27.9	19.7	17.8	33.0	2.60	2.86	8.70	28.0

