



Power Choke Coil

PCMC series **NEW**



- Small size of 7.3mm×6.6mm and low tap of 3.0mm max
- Excellent loss characteristics and high saturation current

Applications

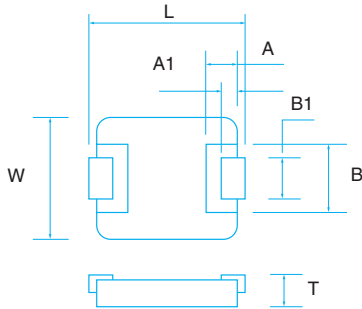
- *High speed drive DC/DC inverter for server, router etc.
- *CPU power for note PC and desktop PC

RoHS compliant

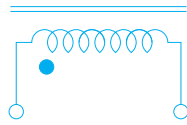
Completely lead free

SPECIFICATIONS

Mechanical



Equivalent circuit



Dimension (Inch Size)	NEW PCMC063 (2926)	PCMC104 (4539)	PCMC133 (5450)	PCMC135 (5450)
L	7.3max.	11.5max.	13.8max.	13.8max.
W	6.6±0.2	10±0.2	12.6±0.2	12.6±0.2
T	3.0max.	4.0max.	3.5max.	5.0max.
A	2.0±0.1	2.5±0.1	2.5±0.1	2.5±0.1
A1	1.3±0.3	2.0±0.5	2.0±0.5	2.0±0.5
B	3.6±0.2	5.0±0.2	6.0±0.2	6.0±0.2
B1	3.0±0.3	3.0±0.2	4.0±0.5	4.0±0.5

(unit : mm)

Electrical

	L0(μH) Inductance	Rdc(mΩ)		DC characteristics	DC characteristics
		Typical	MAX.	(1) ΔL=40°C	(2) ΔL/LO=20%
PCMC063T NEW	0.10	1.5	1.7	32.5	60.0
	0.20	2.4	3.0	24.0	41.0
	0.22	1.9	2.5	26.0	52.0
	0.33	3.5	3.9	20.0	30.0
	0.47	4.0	4.2	17.5	26.0
	0.68	5.0	5.5	15.5	25.0
	0.82	6.7	8.0	13.0	24.0
	1.00	9.0	10.0	11.0	22.0
	1.20	10.0	12.0	10.0	20.0
	1.50	14.0	15.0	9.0	18.0
2.20	18.0	20.0	8.0	14.0	
3.30	28.0	30.0	6.0	13.5	
4.70	37.0	40.0	5.5	10.0	

	L0(μH) Inductance	Rdc(mΩ)		DC characteristics	DC characteristics
		Typical	MAX.	(1) ΔL=40°C	(2) ΔL/LO=20%
PCMC104T	0.15	0.5	0.8	25.0	75.0
	0.36	1.1	1.3	20.0	60.0
	0.56	1.6	1.8	15.0	50.0
	1.00	3.0	3.5	15.0	40.0
PCMC133E	0.33	1.3	1.5	36.5	62.0
	0.47	1.7	2.0	32.0	55.0
	0.56	1.8	2.2	29.0	50.0
PCMC135T	0.68	2.3	2.5	28.0	49.0
	0.15	0.55	0.7	45.0	110.0
	0.36	0.77	1.1	41.0	75.0
	0.47	1.1	1.3	38.0	65.0
	0.50	1.2	1.5	36.0	55.0
	0.56	1.2	1.5	36.0	55.0
	0.68	1.5	1.7	34.0	54.0
	0.82	1.8	2.1	31.0	53.0
	1.00	2.1	2.5	29.0	50.0
	1.50	3.4	4.1	23.0	48.0
2.20	4.0	5.0	20.0	35.0	
3.30	7.7	9.2	15.0	32.0	

* The data is measured at 25°C

* DC characteristics(1) signify current value at temperature raise of 40°C

* DC characteristics(2) signify current value at inductance change of 20%

· Please ask as for other inductance values if required

· Package:1,000pcs/reel for PCMC063T, 500pcs/reel for others

PART NUMBER

PCMC 104T - R56 M N

