



Power choke coils

PCMB series, PCMC series

NEW

Features

- Low profile (3.0 mm max) and small size (7.3mm x6.6mm)
- Occupying small board spaces
- Low loss and high saturating current.

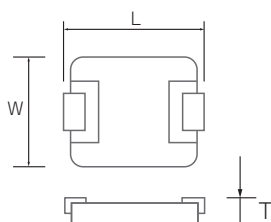
Applications

- PCs, servers, power sources, mobile devices, flat screen TVs etc.

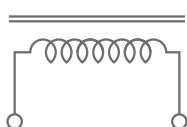
Specifications

*All made to order.

Dimensions • Electrical characteristics



Equivalent circuits



Series name	Size L×W×T (mm)	LO Inductance (uH)	DC resistance (mΩ)		Rated current(A)	Saturating current(A)	Packaging
			Typical	Max	Typical	Typical	
PCMB065T-XXXMS	6.6×7.05 ×4.8	0.2	0.9	1.2	32	50	1,000 pcs/reel
		0.22	1.2	1.4	30	50	
		0.36	3.2	3.5	21	25	
		0.40	3.2	3.5	20	23	
		0.47	3.5	3.9	20	23	
		0.56	3.4	3.6	20	18	
		0.68	3.9	4.2	18	16	
		0.82	4.6	4.9	16.5	17	
		1.0	5.6	6.5	13	15	
		1.2	6	7.5	11	12	
		1.5	6.7	7.5	11	12	
		2.2	11.2	12.5	8	12	
		3.3	19.9	20.9	7	8	
		4.7	23	25	6.5	7	
PCMB101E-XXXMS	10×10.85 ×1.3	0.68	15	16	7.5	16	1,000 pcs/reel
		0.82	16	18	6.0	14	
PCMB103T-XXXMS	10×11.15 ×2.8	1	18	21	5.5	12	1,000 pcs/reel
		0.36	1.3	1.6	23	28	
		0.47	2.1	2.5	23	26	
		0.56	2.4	3	22	24	
		0.68	2.9	3.4	21	23	
		1.0	5.3	6	13	18	
		1.5	6.5	7.5	13	20	
		2.2	8	9	13	16	
		3.3	14.5	16	9	14	
		4.7	20.5	22.5	7	13	
PCMB103E-XXXMS	10×11.15 ×3.3	0.82	35	45	5	8.5	1,000 pcs/reel
		1.0	50	55	5	7.5	
PCMB104T-XXXMS	10×11× 3.8	0.15	0.5	0.65	40	75	1,000 pcs/reel
		0.19	0.7	0.8	38	60	
		0.22	0.9	1.0	35	60	
		0.36	1.05	1.2	30	50	
		0.39	1.1	1.2	31	45	
		0.41	1.1	1.3	30	60	
		0.47	1.6	1.8	26	40	
		0.56	1.6	1.8	25	33	
		0.68	2.4	2.7	22	39	
		0.88	2.7	3.0	20	38	
		1.0	3	3.3	18	28	
		1.5	3.8	4.2	16	32	
		1.8	4.5	5	15	15	
		2.0	5.2	5.8	14	14	
		2.2	6.0	7	12	18	
		3.3	10.8	11.8	10	16	
		4.7	17	20	8.5	15	
		5.6	20	23	7.5	14	
		6.8	22.5	25	6.5	9	
		10	27.5	30	7.5	8.5	

Series name	Size L×W×T (mm)	LO Inductance (uH)	DC resistance (mΩ)		Rated current(A)	Saturating current(A)	Packaging
			Typical	Max	Typical	Typical	
PCMB104T-XXXMS	10×11× 3.8	15	40	45	6.25	7.0	1,000 pcs/reel
		22	60	66	5.0	5.5	
		33	85	92	4.4	5.0	
		47	130	145	3.3	3.5	
		68	178	195	2.3	3.0	
		1.0	2.7	3.2	22	34	
PCMB104E-XXXMS	10×11× 4.3	2.2	5.8	7	14	16	1,000 pcs/reel
		3.3	11	13.2	11	14.5	
		4.7	13.2	15	10	13	
		5.6	16	18.5	8.5	10.5	
		6.8	21.5	24	7.5	9.5	
		0.22	1.1	1.3	38	65	
PCMC133E-XXXMF	12.6× 13.45×3.3	0.33	1.3	1.5	36.5	62	500 pcs/reel
		0.39	1.1	1.3	38	65	
		0.47	1.7	2	32	55	
		0.56	1.8	2.2	29	51	
		0.62	1.8	2.2	29	51	
		0.68	2.3	2.5	28	49	
		1.0	3.3	3.5	24	40	
		1.5	5.1	5.5	19	35	
		2.2	7.2	8.0	16	29	
		3.3	10	12	12	27	
		0.15	0.55	0.70	45	110	
		0.36	0.77	1.1	41	75	
		0.47	1.1	1.3	38	65	
		0.5	1.2	1.5	36	55	
PCMC135T-XXXMF	12.6× 13.45×4.8	0.56	1.2	1.5	36	55	500 pcs/reel
		0.62	1.5	1.7	34	54	
		0.68	1.5	1.7	34	54	
		0.82	1.8	2.1	31	53	
		1.0	2.1	2.5	29	50	
		1.2	2.6	3.0	25	49	
		1.5	3.4	4.1	23	48	
		2.2	4.6	5.5	20	32	
		3.3	7.7	9.2	15	32	
		4.7	12.8	15	12	27	
		6.3	15.4	18.5	11	21	
		6.8	15.4	18.5	11	21	
		15	25.0	29.0	6.0	9.0	
		18	30.0	35.0	5.0	8.0	
PIMB136T-XXXMS	12.6× 13.45×6.0	22	34.0	39.5	5.0	7.5	500 pcs/reel
		27	49.0	56.0	4.0	6.5	

Rated current : the current that increases the temperature by 40°C
Saturating current : The current that reduces inductance by 20% (PCMC) or 30% (PCMB/PS/PST/PL)

※Contact us for details.

Part numbering system

PCMC 13 - *** M N(S,T)**

Part code

Size
(063T=6.6*7.3*3.0mm, 104T=10*11.5*4.0mm,
133E=12.6*13.8*3.5mm, 135T=12.6*13.8*5.0mm)

Inductance value (R56=0.56mH, R68=0.68mH)

Inductance tolerance M=±20%

Material : refer to the table for electrical characteristics

Power choke coils

PCMB series, PCMC series

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com