

Small choke coils

PCMB series, PS series **NEW**

Features

- Low DCR and large current for small sizes
- High efficiency and low loss

Applications

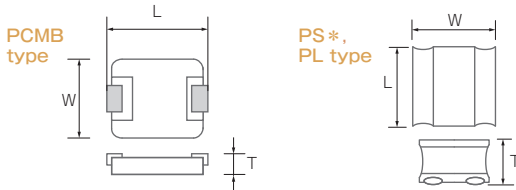
- PCs, servers, power sources, mobile devices, flat screen TVs etc.



Specifications

* All made to order.

Dimensions • Electrical characteristics

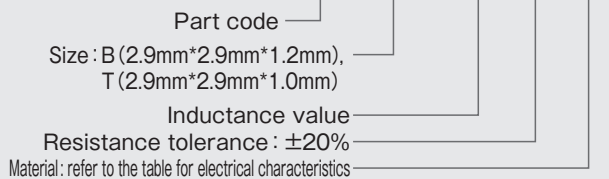


Series name	Size L×W×T (mm)	L Inductance (μH)	DC resistance (mΩ)		Rated current (A)		Saturating current (A)		Packaging
			Typical	Max	Typical	Typical	Typical	Typical	
PST 16081T-XXXMS (in development)	1.6×0.8×1.0	0.22	40	47	1.7	1.3			2,000 pcs/reel
		0.47	68	81	1.3	0.95			
		1	96	113	1	0.65			
		1.5	186	218	0.8	0.5			
		2.2	244	287	0.65	0.43			
		3.3	415	487	0.5	0.33			
PST 20161T-XXXMS	2.0×1.6×1.0	4.7	477	561	0.45	0.27			2,000 pcs/reel
		1	66	80	1.8	1.27			
		1.5	92	112	1.6	1.15			
		2.2	133	162	1.4	0.95			
		3.3	185	225	1.2	0.8			
		4.7	246	299	1	0.65			
PST 25201B-XXXMS	2.5×2.0×1.2	6.8	385	467	0.8	0.55			2,000 pcs/reel
		10	430	522	0.7	0.45			
		22	1150	1395	0.5	0.29			
		0.47	25	29	3.7	3.9			
		1	37	43	2.6	2.7			
		1.5	63	72	2.2	2.3			
PL052B-XXXMS	4.95×4.95×1.2	2.2	80	90	1.85	2.15			1,000 pcs/reel
		3.3	140	155	1.45	1.7			
		4.7	190	212	1.2	1.5			
		6	260	288	1.1	1.35			
		6.8	325	370	1	1.15			
		10	360	410	0.75	0.85			
PS073T-XXXMS	6.9×6.9×3.0	22	910	1050	0.5	0.56			1,000 pcs/reel
		1.2	21	25	4.2	4.7			
		1.8	28	32	3.8	3.85			
		2.2	36	40	3.4	3.35			
		3.3	54	60	2.7	2.75			
		4.7	73	81	2.3	2.2			

Series name	Size L×W×T (mm)	L Inductance (μH)	DC resistance (mΩ)		Rated current (A)		Saturating current (A)		Packaging
			Typical	Max	Typical	Typical	Typical	Typical	
PCMB042T-XXXMS	4.15×4.0×1.8	0.1	3.5	4	12	22			2,000 pcs/reel
		0.22	6	6.6	9	12.5			
		0.47	12.5	14	7	9.5			
		1.0	24	27	4.5	7			
		1.5	38	46	4	6			
		2.2	52	58	3	5			
PCMB051H-XXXMS	5.4×5.2×1.6	3.3	74	87	2.5	4			2,000 pcs/reel
		4.7	80	85	3.5	4			
		6.8	110	120	2.7	3.4			
		10	140	155	2.5	3			
		0.68	11	12	8.5	14			
		1.0	13	14	7	11			
PCMB053T-XXXMS	4.7×4.85×2.8	1.2	15	16	6.5	11			2,000 pcs/reel
		1.5	18	20	6	10			
		2.2	29	35	5.5	9			
		3.3	32	38	5	7			
		0.1	2	2.5	18	45			
		0.33	5.2	6.8	12	22			
PCMB061H-XXXMS	6.6×7.05×1.6	0.47	7.3	8.4	11	18			2,000 pcs/reel
		0.68	10.8	12.7	9	17			
		1.0	14.5	17	7	14			
		2.0	28	32	6	11			
		2.2	31	35	6	13			
		3.3	56	60	3.5	10			
PCMB062D-XXXMS	6.6×6.95×2.2	4.7	68	70	3.5	5			1,000 pcs/reel
		6.8	101	110	2.8	2.5			
		10.0	130	138	2.5	2.5			
		0.1	1.5	1.7	30	70			
		0.2	2.2	2.8	25	50			
		0.22	2.9	3.2	21	34			
PCMB063T-XXXMS	6.6×6.95×2.8	0.47	4.9	5.5	15	22			1,000 pcs/reel
		0.56	5.9	6.5	13	20			
		0.81	8.3	9.5	11	14			
		1.0	11.2	13.5	9	16			
		1.5	17	20	9	15			
		2.2	23	28	7	14			
PCMB064T-XXXMS	6.6×6.95×3.8	3.3	31	39	5.5	13			500 pcs/reel
		4.7	41	50	5	10			
		6.8	57	70	4	6			
		10.0	92	101	3.1	2.5			
		0.1	1.5	1.7	32.5	60			
		0.2	2.4	3.0	24	41			
PCMB063T-XXXMS	6.6×6.95×2.8	0.22	2.5	2.8	23	40			500 pcs/reel
		0.25	3.0	3.5	21	39			
		0.33	3.5	3.9	20	30			
		0.47	4.0	4.2	17.5	26			
		0.56	4.7	5	16.5	25.5			
		0.68	5	5.5	15.5	25			
PCMB064T-XXXMS	6.6×6.95×3.8	0.82	6.7	8	13	24			500 pcs/reel
		0.9	9	10	11	22			
		1.0	9	10	11	22			
		1.2	9	12	10	20			
		1.5	14	15	9	18			
		2.2	18	20	8	14			

Part numbering system

PS 031* - *** M (S)



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.