

贴片功率磁珠—SMB系列

SMD Power Bead – SMB Series



Operating Temp.: -40°C ~ +105°C

特征

- 体积小、电流大、性能高
- 低阻抗，优良的EMI抑制能力
- 适合表面贴装

FEATURES

- Small size, high current, high performance.
- Low DCR, excellent EMI suppression capability.
- Suitable for surface mounting equipment.

用途

- 录像机、数字机顶盒、液晶显示器、DC/DC电源转换器、xDSL、无线通信设备等。

APPLICATIONS

- VTR, digital set-top box, LCD Monitor, DC/DC converters, xDSL, Wireless communication equipment, etc.

产品型号

PRODUCT IDENTIFICATION

SMB

403025

470

M

T

F

①

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③

④

⑤

⑥

①

分类 Type	
SMB	功率磁珠 SMB Power Bead

②

外形尺寸 External Dimensions	
	3025
	4030
	5645
	8530

③

公称阻抗值 Nominal Impedance	
Example	Nominal Value
330	33Ω
470	47Ω
600	60Ω

⑤

电感公差 Inductance tolerance	
M	±20%
N	±30%

⑥

包装 Packing	
B	散装 Bulk Package
T	编带 Tape & Reel

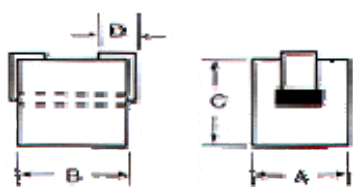
⑦

无有害物质产品 Hazardous Substance Free Products
F

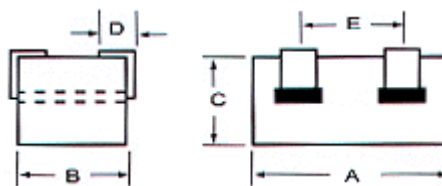
外观尺寸

SHAPE AND DIMENSIONS

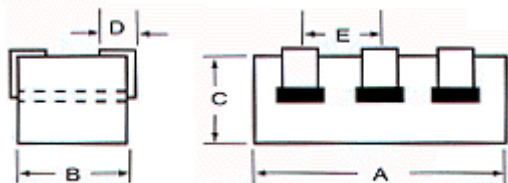
TYPE: SMB



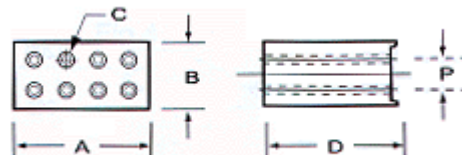
TYPE: SM2B



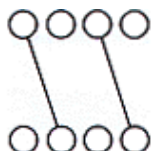
TYPE: SM3B



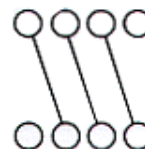
TYPE: SM4B



TYPE: SM4B-2T



TYPE: SM4B-3T



TYPE	DIMENSIONS (Unit: mm)					
	A	B	C	D	E	P
SMB302520	2.5±0.15	3.0±0.20	2.0±0.15	1.15±0.30	1.0±0.10	—
SMB403025	3.0±0.15	4.0±0.20	2.5±0.15	1.35±0.30	1.0±0.10	—
SMB853025	3.0±0.15	8.5±0.20	2.5±0.15	1.35±0.30	4.5±0.10	—
SM2B564525	5.6±0.15	4.5±0.20	2.5±0.30	1.35±0.30	2.54±0.10	—
SM3B504513	4.5±0.30	5.0±0.30	1.3±0.30	1.5±0.50	1.27±0.10	—
SM4B1155	11.±0.30	5.5±0.25	0.65 REF	10.5±0.30	*	2.54 REF
SM4B1111H	11±0.15	11.±0.20	0.70 REF	10.5±0.30	*	2.54 REF
SM4B1111L	11±0.15	11.±0.20	0.70 REF	6.5±0.30	*	2.54 REF

SMB TYPE

Part Number 型号	25MHZ Impedance 阻抗(min)	100MHZ Impedance 阻抗(min)	DCR(Ω) MAX 直流电阻	IDC(A) MAX 额定电流
Units单位	Ω	Ω	Ω	A
Symbol符号	Z	Z	DCR	I _r
SMB302520	20	30	0.6	6.0
SMB403025	30	47	0.6	6.0
SMB853025	60	90	0.9	9.0
SM2B564525	22	30	0.80	9.0
SM3B504513 *	23	35	*	*
SM4B1155 *	140	255	*	*
SM4B1111H *	200	240	*	*
SM4B1111H-2T *	450	550	*	*
SM4B1111H-3T *	800	850	*	*
SM4B1111L *	125	210	*	*
SM4B1111L-2T *	280	450	*	*
SM4B1111L-3T *	550	800	*	*

※: The parameters of list are typical, atypical parameters can be customized according to customer's requirements.

*: For products not commonly used, please contact our sales engineer to confirm before you order the products.