

SMD POWER BEAD

SMB SERIEIS

FEATURES

- * Suitable for applications with Ultra High Current.
- * High mechanical body.
- * Stable characteristic.
- * Operating temperature -40~+125℃ (Including self - temperature rise)

APPLICATIONS

- * Computer products, mother board, TV card
- * Power supplier, OA products, modem...
- * Communications
- * Countermeasures for complying with CE, FCC, VDE or VCCI radialiated emissions etc

PRODUCT IDENTIFICATION

SMB - 853025 C - 101 Y

① ② ③ ④ ⑤

① Product Symbol	
SMB	SMD Power Bead

② External Dimensions (LXWXH)(mm)	
322521	3.10×2.50×2.15
323023	3.08×2.90×2.20
403022	4.20×3.00×2.20
403025	4.20×3.10×2.90
784730	8.00×4.70×3.20
853025	9.00×3.00×2.80

③ Shape Code	
None	Bottom Flatness
C	Bottom hollow groove

④ Nominal Impedance	
Example	Nominal Value
400	40Ω
101	100Ω

⑤ Tolerance Value	
M	±20%
Y	±25%

SHAPE AND DIMENSIONS(mm)

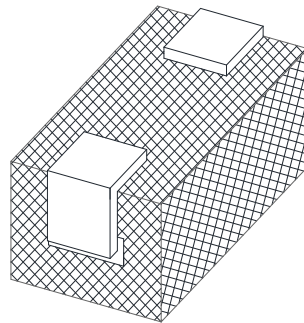
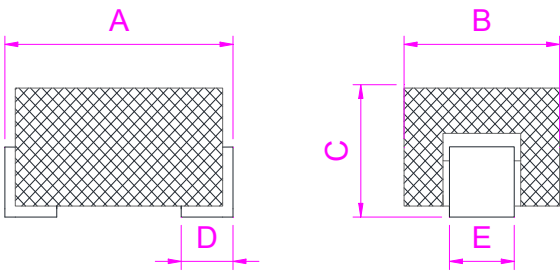


Figure 1

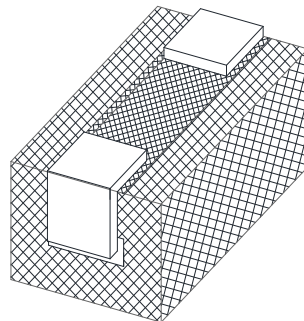
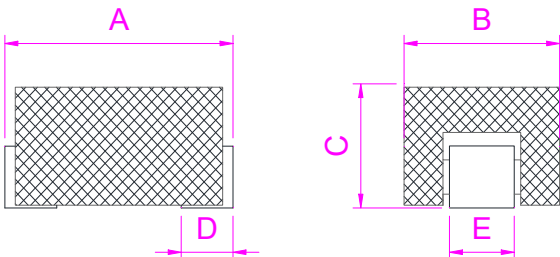
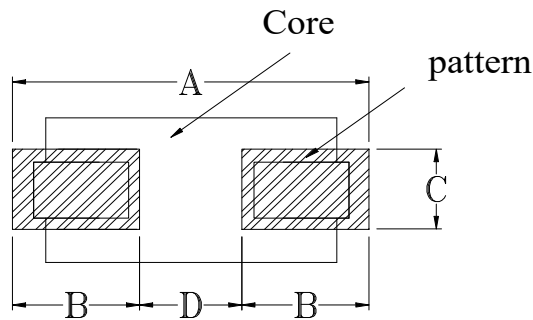


Figure 2

Part No.	A	B	C	D	E	Figure
SMB-322521C	3.20 max.	2.50±0.15	2.30 max.	0.85±0.20	0.70±0.10	2
SMB-323023C	3.20 max.	2.90±0.15	2.41 max.	0.80±0.20	0.85±0.10	2
SMB-403022C	4.90 max.	3.00±0.15	2.50 max.	1.30±0.20	1.25±0.15	2
SMB-403025	5.00 max.	3.10±0.15	3.10 max.	1.35±0.20	1.25±0.15	1
SMB-784730	8.80 max.	4.75±0.20	3.55 max.	1.45±0.30	1.25±0.15	1
SMB-853025C	9.40 max.	3.10±0.15	2.80 max.	1.45±0.30	1.25±0.15	2
SMB-853025	9.50 max.	3.00±0.15	3.10 max.	1.45±0.30	1.25±0.15	1

LAND PATTERN DIMENSIONS(mm)



Part No.	A	B	C	D
SMB-322521C	4.20	1.50	1.50	1.20
SMB-323023C	4.20	1.50	1.50	1.20
SMB-403022C	4.80	1.40	1.50	2.00
SMB-403025	4.80	1.40	1.50	2.00
SMB-784730	10.50	3.00	1.80	4.50
SMB-853025C	10.70	3.30	1.50	4.50
SMB-853025	10.70	3.30	1.50	4.50

ELECTRICAL SPECIFICATIONS

Part No.	Impedance (Ω)		DC Resistance (mΩ) max.	Rated Current (A) typ.
	25MHz	100MHz	@25°C	△T=40°C
SMB-322521C-350Y	25±25%	35±25%	0.60	14.0
SMB-323023C-400Y	23±25%	40±25%	0.60	15.0
SMB-403022C-400Y	28±25%	42±25%	0.60	15.0
SMB-403025-530Y	35±25%	53±25%	0.60	16.0
SMB-784730-980Y	65±25%	98±25%	0.90	18.0
SMB-853025C-900Y	65±25%	90±25%	1.00	17.0
SMB-853025-101Y	65±25%	100±25%	1.00	17.0

TYPICAL CHARACTERISTICS CURVE

