

SMB Series

Features

High impedance for common mode noise and low impedance for differential mode signal.
 Large rated current available.
 Wide band or sharp type impedance curve available.

Applications

Prevention of common mode noise on signal Lines and power lines for computer related or electronic products.

Product Identification

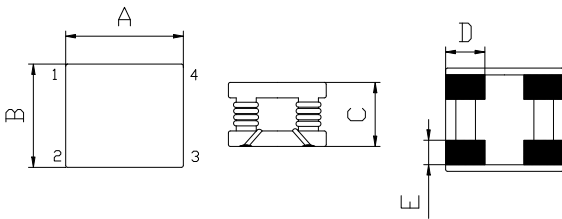
SMB XXXXXX TL - XT-XXXR
 For example:SMB100805TL-4T-401R

General Specifications

Test frequency.....100MHz
 Parameters Test Temp..... 25°C
 Operation Temp.....-40°C to +125°C
 (Including temperature Rise)
 Storage Temp.....0~40°C
 Storage Humidity.....<70% RH
 Resistance to Soldering Heat.....260°C for 10 sec
 Temperature Rise.....40°C. at Rated Current

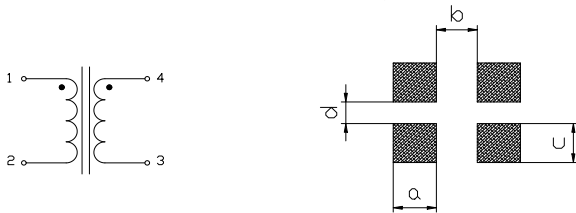
Shape And Dimensions

Dimensions In mm



TYPE	A	B	C	D	E	a	b	c	d
	±0.3	±0.3	±0.5	Ref	Ref	Ref	Ref	Ref	Ref
508549	5.0	8.5	5.0	1.7	2.9	2.1	1.2	3.6	1.8
574617	5.7	4.6	1.7	2.10	1.20	2.5	1.0	1.6	1.8
750603	7.5	6.0	3.2	2.55	1.80	3.1	1.5	2.4	1.0
100805	10.0	8.0	5.0	2.55	1.75	4.2	3.6	3.0	2.0
121006	12.0	10.0	6.0	3.60	2.35	4.75	4.5	4.5	3.0

Electrical Schematic & PAD Layout



Standard Specifications

Stamp	SMB508549			SMB574617			SMB750603			SMB100805			SMB121006		
	Impedance (Ω) Min	DCR (mΩ) Max	Rated current (A) Max	Impedance (Ω) Min	DCR (mΩ) Max	Rated current (A) Max	Impedance (Ω) Min	DCR (mΩ) Max	Rated current (A) Max	Impedance (Ω) Min	DCR (mΩ) Max	Rated current (A) Max	Impedance (Ω) Min	DCR (mΩ) Max	Rated current (A) Max
1T				150	50	1.0									
2T				350	70	0.5	200	20	2.0				200	15	6.0
3T	600	50	4.0				300	25	1.5				300	20	5.5
4T	700	55	3.0				600	45	1.0	400	30	4.0	400	25	5.0

*All the data listed in this catalogue are for reference only, JENG SHI reserves the right to alter or revise the specifications without prior notification.

*Beyond the above specification also can meet the special requirements. Need detailed content Please to the website query or contact us.

