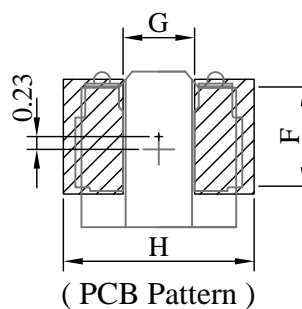
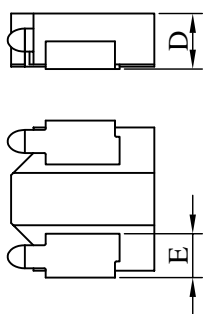
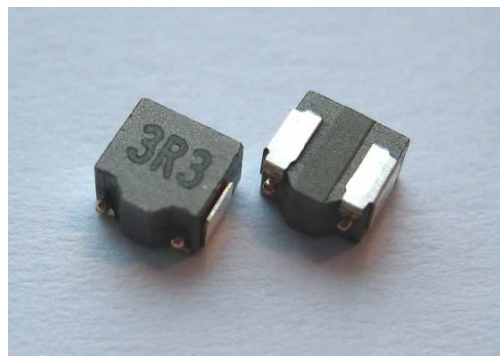
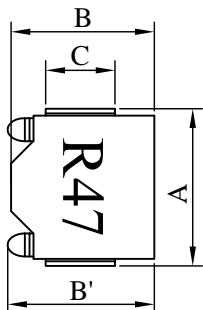


SSBS0312G Series (Shielded Type)

Configuration and dimensions :



Unit : mm

A	B	B'	C	D	E	F	G	H
3.40 ±0.2	3.10 ±0.2	3.40 max.	1.60 ref.	1.20 max.	0.95 ±0.1	2.30 ref.	1.30 ref.	3.70 ref.

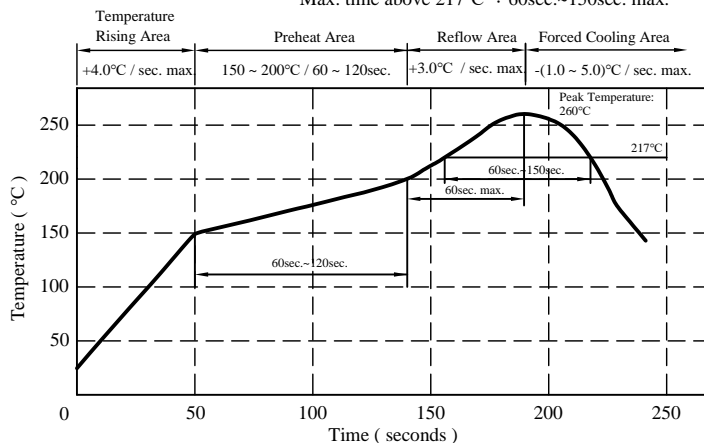
Description :

- a . Powder molding construction
- b . Magetically shielded
- c . Enamelled copper wire : F class
- d . Product weight : 0.06g (ref.)
- e . Moisture sensitivity Level 1
- f . Products comply with RoHS' requirements
- g . Halogen free

General specification :

- a . Storage temp. : -40°C ----+125°C
- b . Operating temp. : -40°C----+125°C
(Temp. rise included)
- c . Resistance to solder heat : 260°C.10 sec.

Peak temp. : 260°C max.
 Max. peak temp. - 5°C : 30sec. max.
 Max. time above 217°C : 60sec.~150sec. max.



SSBS0312G Series (Shielded Type)

Electrical characteristics :

DWG. No.	Inductance (μH)	Q ref.	SRF (MHz) typ.	RDC ($\text{m}\Omega$)		Isat (A) typ.	Irms (A) typ.
				typ.	max.		
SSBS0312G-R47K	0.47 \pm 10%	18	91	15.3	17.8	8.0	6.6
SSBS0312G-R68K	0.68 \pm 10%	14	77	21.2	24.8	6.0	5.6
SSBS0312G-1R0K	1.00 \pm 10%	23	59	29.0	34.0	5.0	4.7
SSBS0312G-1R5K	1.50 \pm 10%	28	45	49.0	58.0	4.3	3.6
SSBS0312G-2R2K	2.20 \pm 10%	28	38	63.5	74.0	3.7	3.1
SSBS0312G-3R3K	3.30 \pm 10%	22	36	110.0	129.0	3.0	2.4
SSBS0312G-4R7K	4.70 \pm 10%	22	29	175.0	210.0	2.5	1.9

- 1). Electrical specifications at 25°C
- 2). Inductance Test Freq. : 100kHz / 1V
- 3). Q Test Freq. : R47~R68--25.2MHz , 1R0~4R7--7.96MHz
- 4). Isat base on $\Delta L / L0A=30\%$ typ.(Approximately transient current)
- 5). Irms base on temp. rise 40°C typ.
- 6). Rated Voltage : 50V max.

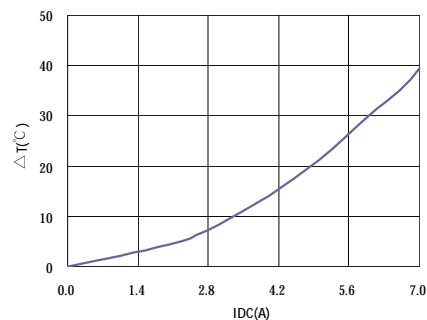
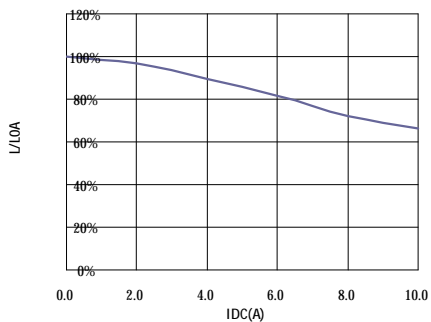
Part Numbering System



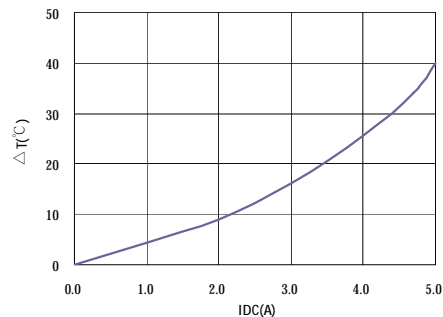
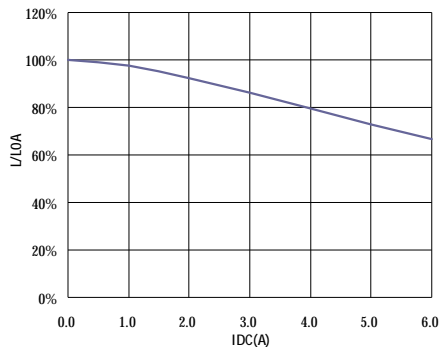
SSBS0312G Series (Shielded Type)

Curve :

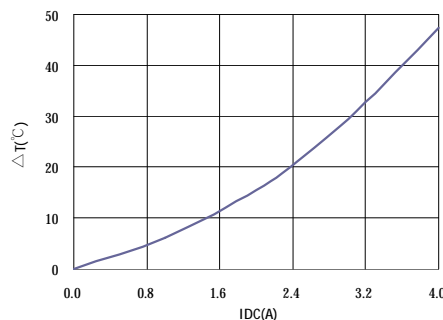
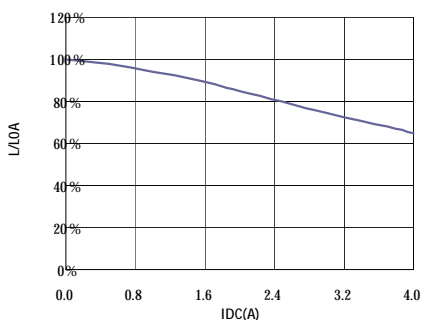
SSBS0312G-R47K



SSBS0312G-1R0K



SSBS0312G-2R2K



SSBS0312G-4R7K

