

SBPS Coils

〈Magnetically Shielded Type〉
[RoHS Compliant]



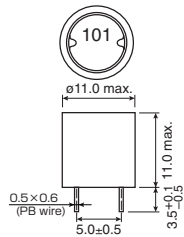
●SBPS-1111 series (SBPS-1111-□□□)

Model	Inductance at 10 kHz, 1 mA (μH)	DC resistance (Ω) max.	Rated Current (A)	Current (A)		
				$\Delta T=20^\circ\text{C}$	$\Delta T=40^\circ\text{C}$	L-10%(20°C)
SBPS-1111-100	10 \pm 20%	0.04	2.50	2.51	3.65	3.70
SBPS-1111-150	15 \pm 20%	0.04	2.30	2.33	3.39	3.20
SBPS-1111-220	22 \pm 20%	0.05	2.10	2.10	3.06	2.50
SBPS-1111-330	33 \pm 20%	0.06	1.90	1.90	2.77	2.20
SBPS-1111-470	47 \pm 20%	0.08	1.65	1.69	2.46	1.80
SBPS-1111-680	68 \pm 20%	0.12	1.40	1.40	2.03	1.50
SBPS-1111-101	100 \pm 10%	0.20	1.10	1.10	1.60	1.30
SBPS-1111-151	150 \pm 10%	0.25	0.95	0.98	1.42	1.10
SBPS-1111-221	220 \pm 10%	0.30	0.80	0.89	1.29	0.80
SBPS-1111-331	330 \pm 10%	0.40	0.65	0.74	1.08	0.65
SBPS-1111-471	470 \pm 10%	0.55	0.55	0.64	0.92	0.55
SBPS-1111-681	680 \pm 10%	0.80	0.45	0.54	0.78	0.46
SBPS-1111-102	1000 \pm 10%	1.10	0.35	0.45	0.65	0.39

Package: Bulk · 1,500pcs/box

●Operating temperature range: -20 to $+105^\circ\text{C}$ (Incl. coil heat)

Shape and Dimensions



*Lead pitch is a value at the root end.

[mm]

Numbering System

SBPS - 1111 - 101

①

②

③

① Series name

② Core size: Outer size \times height ($\phi 11 \times 11$)

③ Inductance: $10^2 \times 10^1 = 100$ (μH)



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.