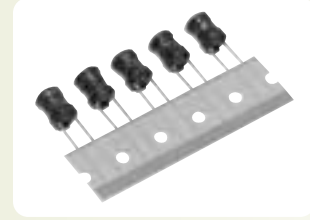


SBCP-85 Coils

[Comply with RoHS]



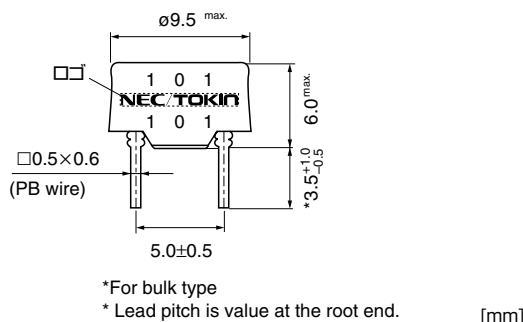
●SBCP-85Series (SBCP-85□□□H)

Model	Inductance at 10 kHz, 1mA L (μH)	DC resistance (Ω) max.	Rated current (A) ΔT=20℃	Current (Reference value) (A)	
				ΔT=40℃	L change rate-10%
SBCP-852R2H	2.2±20%	0.03	3.30	4.60	8.90
SBCP-853R3H	3.3±20%	0.04	2.50	3.50	7.70
SBCP-854R7H	4.7±20%	0.05	2.30	3.20	6.10
SBCP-856R8H	6.8±20%	0.06	2.00	2.80	5.00
SBCP-85100H	10±20%	0.08	1.80	2.50	4.00
SBCP-85150H	15±20%	0.11	1.40	1.90	3.30
SBCP-85220H	22±20%	0.16	1.20	1.60	2.60
SBCP-85330H	33±20%	0.27	0.90	1.20	2.20
SBCP-85470H	47±20%	0.34	0.83	1.10	1.90
SBCP-85680H	68±10%	0.49	0.70	0.98	1.50
SBCP-85101H	100±10%	0.69	0.57	0.79	1.30
SBCP-85151H	150±10%	1.10	0.46	0.64	1.00
SBCP-85221H	220±10%	1.36	0.36	0.50	0.88
SBCP-85331H	330±10%	2.15	0.30	0.42	0.72
SBCP-85471H	470±10%	2.85	0.27	0.37	0.58
SBCP-85681H	680±10%	4.18	0.21	0.29	0.50
SBCP-85102H	1000±10%	6.90	0.17	0.23	0.42

Package: Soft lead · bulk 6,000pcs/box
Pin lead · bulk 500pcs/AMMO pack, 2,000pcs/box

Shape and Dimensions

●SBCP-85Series (SBCP-85□□□H)



Numbering System

SBCP - 85 - 101 H B

① ② ③ ④ ⑤

- ① Series
- ② Core size (Outer size x height)

Model numbers and Core sizes

The model number (5 digits) consists of core size and inductance as shown below.

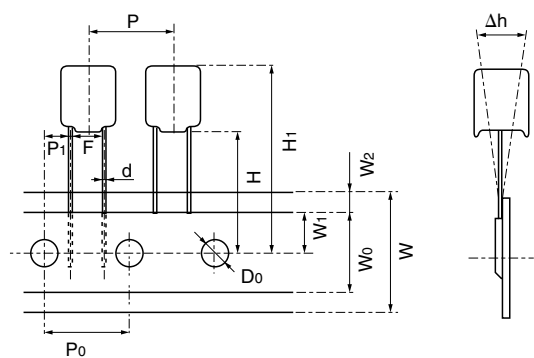
Model	Core size [mm]
SBCP-85 □□□H	ø8.0 × 5.0

- ③ Inductance: $10 \times 10^1 = 100$ (μH)
- ④ Presence of external tube: H shows presence.
- ⑤ Packaging type: No indication for tape type. B indicates bulk type.

*The presence of an external tube may not be indicated on the surface of sample products.

SBCP-Coils

Dimensions of indented square hole plastic tape



											[mm]
P	P ₀	P ₁	F	W	W ₀	W ₁	W ₂	H	D ₀	d	Δh
±1.0	±0.3	±0.7	±1.0	+1.0,-0.5	min.	+0.75,-0.5	max.	+2.0,-0	±0.2		±2.0
12.7	12.7	3.85	5.0	18	12.5	9.0	3.0	18	ø4.0	0.6	0

H1			
SBCP-85□□□H	SBCP-87□□□H	SBCP-80□□□H	SBCP-11□□□H
max.	max.	max.	max.
26	28.5	31	32