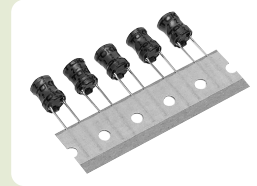


# SBCP-11HY Coils

[RoHS Compliant]



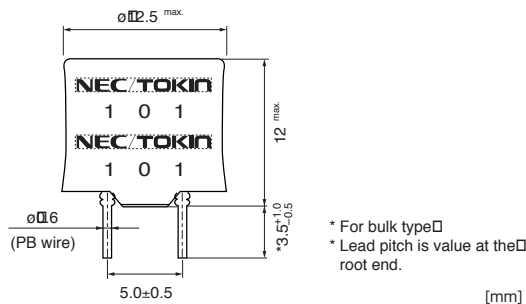
●SBCP-11HY Series (SBCP-11HY□□□H)

Model	Inductance L (μH) at 10 kHz, 1 mA	DC resistance (Ω) max.	Rated current (A) ΔT=20°C	Current (Reference value) (A)	
				ΔT=40°C	L change rate-10%
SBCP-11HY1R5H	1.5±30%	0.02	5.00	7.20	25.30
SBCP-11HY2R2H	2.2±30%	0.02	4.70	6.70	21.40
SBCP-11HY3R3H	3.3±20%	0.02	4.40	6.30	18.50
SBCP-11HY4R7H	4.7±20%	0.03	4.10	5.80	14.60
SBCP-11HY6R8H	6.8±20%	0.03	3.60	5.10	12.10
SBCP-11HY100H	10±20%	0.04	3.10	4.50	9.60
SBCP-11HY150H	15±20%	0.05	2.80	4.10	7.90
SBCP-11HY220H	22±20%	0.06	2.50	3.60	6.40
SBCP-11HY330H	33±20%	0.07	2.30	3.30	5.40
SBCP-11HY470H	47±20%	0.10	2.00	2.90	4.40
SBCP-11HY680H	68±10%	0.12	1.80	2.60	3.60
SBCP-11HY101H	100±10%	0.19	1.30	1.90	3.00
SBCP-11HY151H	150±10%	0.26	1.10	1.60	2.40
SBCP-11HY221H	220±10%	0.40	0.95	1.30	2.00
SBCP-11HY331H	330±10%	0.60	0.74	1.00	1.60
SBCP-11HY471H	470±10%	0.76	0.66	0.93	1.40
SBCP-11HY681H	680±10%	1.00	0.55	0.77	1.10
SBCP-11HY102H	1000±10%	1.70	0.42	0.60	0.96

- Package: Bulk · 2,000pcs/box
- Tape & reel · 400pcs/AMMO pack · 1,600pcs/box
- Operating temperature range: -20 to +105°C (incl. coil heat)
- Storage conditions: -5 to +40°C, 40to60% RH (in tape status), -20to + 85°C (in bulk status)
- Do NOT expose to direct sunlight

Shape and Dimensions

●SBCP-11HY Series (SBCP-11HY□□□H)



Numbering System

SBCP - 11HY - 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-11HY□□□H	ø11.0×11.0

- ③ Inductance: 10×10<sup>1</sup>=100 (μH)  
④ Presence of external tube: H shows presence.  
⑤ Packaging type: No indication for tape type. :B: indicates bulk type.

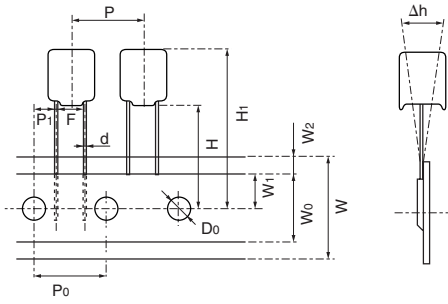
\*The presence of an external tube may not be indicated on the surface of sample products.



- 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.

SBCP-11HY Series

Dimensions of indented square hole plastic tape



P	P <sub>0</sub>	P <sub>1</sub>	F	W	W <sub>0</sub>	W <sub>1</sub>	W <sub>2</sub>	H	D <sub>0</sub>	d	$\Delta h$
$\pm 1.0$	$\pm 0.3$	$\pm 0.7$	$\pm 1.0$	+1.0, -0.5 min.	+0.75, -0.5 max.		+2.0, -0	$\pm 0.2$			$\pm 2.0$
12.7	12.7	3.85	5.0	18	12.5	9.0	3.0	18	$\phi 4.0$	0.6	0

[mm]

H1
SBCP-11HY□□□H
max.
32

[mm]



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