

# SBCP-14HY Coils

[RoHS Compliant]



●SBCP-14 HY Series (SBCP-14HY□□□B)

Model	Inductance at 10 kHz, 1mA ( $\mu$ H)	DC resistance ( $\Omega$ ) max.	Rated current (A) $\Delta T=20^{\circ}\text{C}$	Current (Reference value) (A)	
				$\Delta T=40^{\circ}\text{C}$	L change rate-10%
SBCP-14HY1R2B	1.2 $\pm$ 30%	20m	5.20	7.40	24.30
SBCP-14HY2R2B	2.2 $\pm$ 30%	20m	4.35	5.11	16.82
SBCP-14HY3R3B	3.3 $\pm$ 30%	20m	4.10	6.00	18.20
SBCP-14HY4R7B	4.7 $\pm$ 20%	30m	3.60	5.07	14.36
SBCP-14HY6R8B	6.8 $\pm$ 20%	30m	3.35	4.69	11.86
SBCP-14HY100B	10 $\pm$ 20%	40m	3.00	4.20	10.30
SBCP-14HY150B	15 $\pm$ 20%	50m	2.80	3.90	8.07
SBCP-14HY220B	22 $\pm$ 20%	60m	2.70	3.73	6.94
SBCP-14HY330B	33 $\pm$ 20%	70m	2.40	3.30	5.63
SBCP-14HY470B	47 $\pm$ 10%	90m	1.90	2.74	4.58
SBCP-14HY680B	68 $\pm$ 10%	0.11	1.70	2.45	3.76
SBCP-14HY101B	100 $\pm$ 10%	0.14	1.50	2.15	3.10
SBCP-14HY151B	150 $\pm$ 10%	0.20	1.30	1.85	2.70
SBCP-14HY221B	220 $\pm$ 10%	0.31	1.05	1.51	2.20
SBCP-14HY331B	330 $\pm$ 10%	0.38	0.95	1.35	1.84
SBCP-14HY471B	470 $\pm$ 10%	0.54	0.80	1.10	1.48
SBCP-14HY681B	680 $\pm$ 10%	0.90	0.67	0.93	1.24
SBCP-14HY102B	1000 $\pm$ 10%	1.16	0.59	0.82	1.01
SBCP-14HY152B	1500 $\pm$ 10%	1.52	0.47	0.67	0.80
SBCP-14HY222B	2200 $\pm$ 10%	2.36	0.38	0.54	0.69
SBCP-14HY332B	3300 $\pm$ 10%	3.42	0.33	0.46	0.57
SBCP-14HY472B	4700 $\pm$ 10%	4.97	0.27	0.38	0.48
SBCP-14HY682B	6800 $\pm$ 10%	7.17	0.22	0.29	0.38
SBCP-14HY103B	10000 $\pm$ 10%	10.86	0.17	0.24	0.31

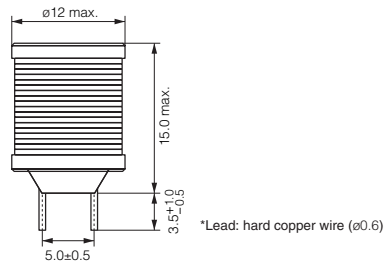
Package: Bulk - 1,500pcs/box

●Operating temperature range: -20 to +105°C(including the heat generation by the coil)



- 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.

Shape and Dimensions



[mm]

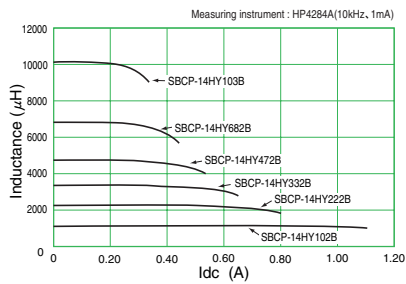
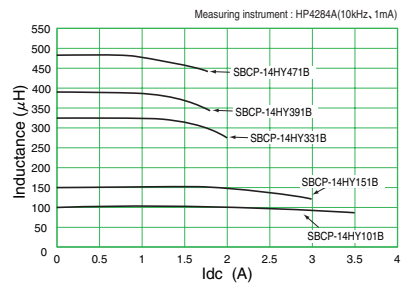
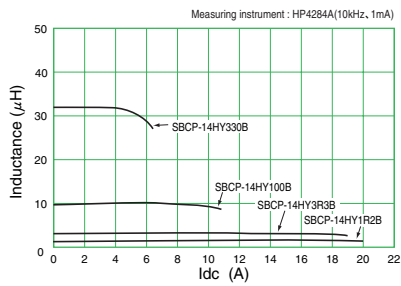
Numbering System

**SBCP - 14HY 100 B**

① ② ③ ④

- ① Series
- ② Core size : Outer size x height (φ 11 × 14)
- ③ Inductance :  $\overset{\vee}{1}0 \times 10^{\overset{\vee}{0}} = 10 (\mu\text{H})$
- ④ Packaging type : [B] indicates bulk type.

DC-Superposed Characteristics



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