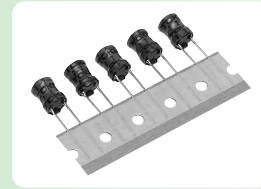


SBCP-80HY Coils

[RoHS Compliant]



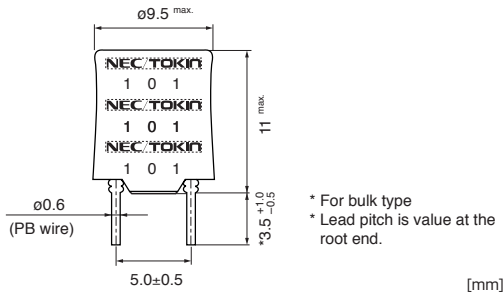
● SBCP-80HY Series (SBCP-80HY□□□H)

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-80HY1R5H	1.5±30%	0.02	4.50	6.30	13.50
SBCP-80HY2R2H	2.2±30%	0.03	4.00	5.60	11.70
SBCP-80HY3R3H	3.3±30%	0.04	3.60	5.00	9.20
SBCP-80HY4R7H	4.7±20%	0.04	3.30	4.60	7.60
SBCP-80HY6R8H	6.8±20%	0.05	3.30	4.60	6.50
SBCP-80HY100H	10±20%	0.05	2.90	4.00	5.30
SBCP-80HY150H	15±20%	0.08	2.50	3.50	4.00
SBCP-80HY220H	22±20%	0.08	2.40	3.30	3.40
SBCP-80HY330H	33±20%	0.09	2.10	2.90	2.70
SBCP-80HY470H	47±10%	0.13	1.90	2.60	2.20
SBCP-80HY680H	68±10%	0.16	1.70	2.30	1.80
SBCP-80HY820H	82±10%	0.24	1.30	1.80	1.70
SBCP-80HY101H	100±10%	0.35	1.10	1.50	1.60
SBCP-80HY151H	150±10%	0.41	1.00	1.40	1.20
SBCP-80HY221H	220±10%	0.52	0.90	1.20	1.00
SBCP-80HY331H	330±10%	0.75	0.70	0.98	0.85
SBCP-80HY471H	470±10%	0.95	0.65	0.91	0.71
SBCP-80HY681H	680±10%	1.40	0.50	0.70	0.58
SBCP-80HY102H	1000±10%	1.89	0.40	0.56	0.48

Package: Bulk · 4,000pcs/box
Tape & reel · 500pcs/AMMO pack 2,000pcs/box

Shape and Dimensions

● SBCP-80HY Series (SBCP-80HY□□□H)



Numbering System

SBCP - 80HY - 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-80HY□□□H	ø8.0 × 10.0

- ③ Inductance: 10 × 10¹ = 100 (μH)
- ④ Presence of external tube: H shows presence.
- ⑤ Packaging type: No indication for tape type. :B: indicates bulk type.

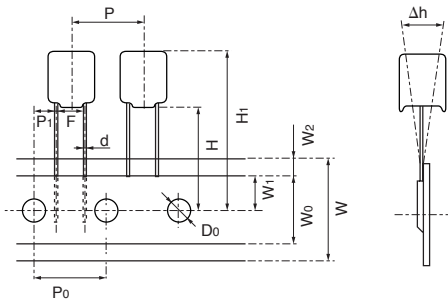
*The presence of an external tube may not be indicated on the surface of sample products.



- 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-80HY Series

Dimensions of indented square hole plastic tape



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				
12.7	12.7	3.85	5.0	18	12.5	9.0	3.0	18	ø4.0	0.6	0

[mm]

H ₁
SBCP-80HY□□□H
max.
31

[mm]



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