

## Type: SFC99

### ◆ Product Description

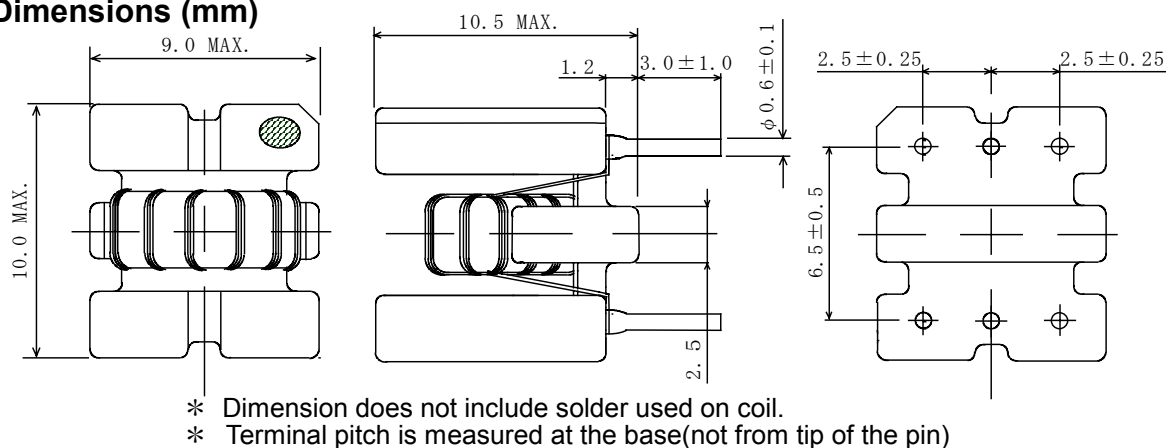
- 9.0×10.0mm Max.(L×W), 10.5mm Max. Height.
- Inductance Range: 1.7  $\mu$  H~30  $\mu$  H
- Rated current range: 0.6~2.9A
- In addition to the standard versions of parameters shown here, custom designs are available to meet your exact requirements.



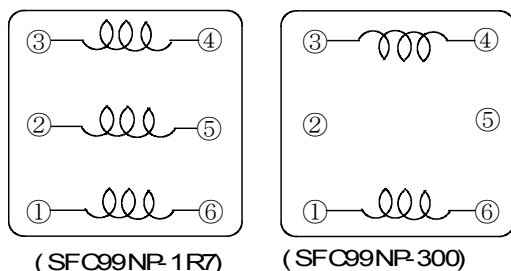
### ◆ Feature

- Ideally used as noise filter in I/O port of the electric music equipment(Keyboard, Electric piano).
- RoHS Compliance

### ◆ Dimensions (mm)



### ◆ Schematics (Bottom)



### ◆ Specification

Part name	Stamp	Inductance [MIN.] at 100kHz Between(1-6)	D.C.R. (m $\Omega$ ) [MAX.] Between (1-6)	Rated Current Between (1-6) (A)	
				※1	※2
SFC99NP-1R7	1R7	1.7 $\mu$ H	81	1.25	1.0
SFC99NP-300	300	30 $\mu$ H	51	2.1	2.4

※1. The DC current at which the temperature rise is  $\Delta t=40^{\circ}\text{C}$ . ( $T_a=20^{\circ}\text{C}$ ).

※2. The DC Max. Current at which the temperature rise is  $\Delta t=40^{\circ}\text{C}$  for SFC99NP-1R7 and  $\Delta t=60^{\circ}\text{C}$  for SFC99NP-300.