

# SMD POWER INDUCTORS

MODEL NO. : SPC-1003P SERIES

**FEATURES:**

- \* SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- \* PICK AND PLACE COMPATIBLE.
- \* TAPE AND REEL PACKING.



**APPLICATION :**

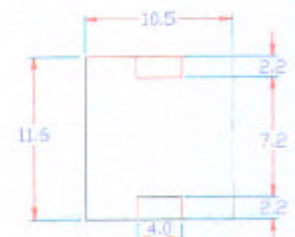
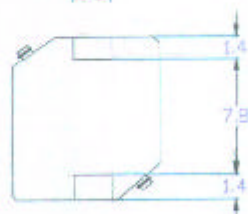
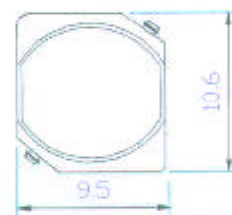
- \* NOTEBOOK COMPUTERS.
- \* DC-DC CONVERTORS.
- \* DC-AC INVERTERS.

**ELECTRICAL SPECIFICATION:**

(UNIT:mm)

PART NO.	INDUCTANCE ( $\mu$ H) $\pm$ 20%	D.C.R. MAX ( $\Omega$ )	RATED CURRENT (A)
SPC-1003P-100	10	0.11	2.4
SPC-1003P-150	15	0.15	2.0
SPC-1003P-220	22	0.23	1.6
SPC-1003P-330	33	0.30	1.4
SPC-1003P-470	47	0.39	1.0
SPC-1003P-560	56	0.40	0.9
SPC-1003P-680	68	0.50	0.9
SPC-1003P-101	100	0.90	0.7
SPC-1003P-151	150	1.2	0.6
SPC-1003P-221	220	1.9	0.5
SPC-1003P-331	330	2.7	0.4
SPC-1003P-471	470	4.0	0.3
SPC-1003P-681	680	5.3	0.2
SPC-1003P-102	1000	8.4	0.1

**PHYSICAL DIMENSION :**



**TOLERANCE :  $\pm$  0.3**

**PCB PATTERN**

NOTE(1):TEST FREQUENCY: 100 kHz,1 VRMS.

NOTE (2): THIS INDICATES THE VALUE OF DC CURRENT WHICH THE INDUCTANCE IS 10% LOWER THAN ITS INITIAL VALUE AND/OR  $\Delta T=40^{\circ}C$  UNDER THIS DC CURRENT BIAS.