

SMD POWER INDUCTORS

MODEL NO. : SPC-1003P SERIES

FEATURES:

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

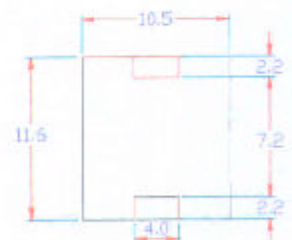
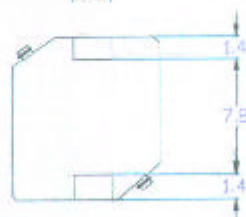
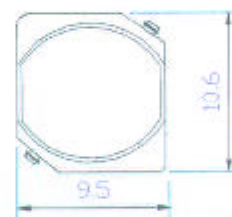
APPLICATION :

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

ELECTRICAL SPECIFICATION:

(UNIT:mm)

| PART NO. | INDUCTANCE (uH) $\pm 20\%$ | D.C.R. MAX (Ω) | 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 |



TOLERANCE : ± 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 $\Delta T=40^{\circ}\text{C}$ UNDER THIS DC CURRENT BIAS.

