

# PRIMEWORLD LIMITED



## PSMT RANGE

### Features

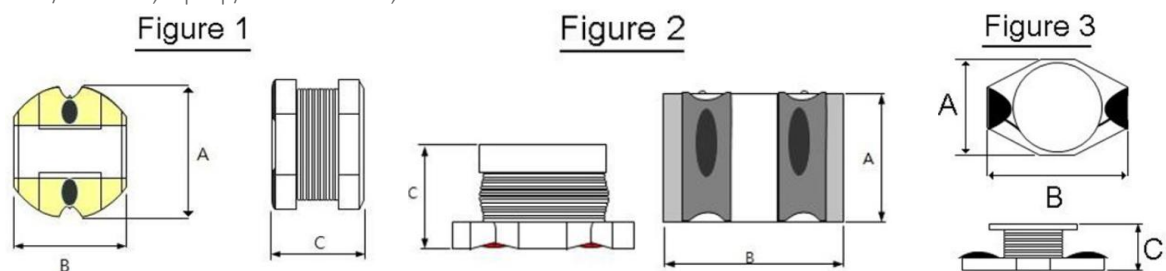
Small surface area

Lower profile version available, with height up to 1.4mm

Available in embossed tape & reel package

### Applications

Power supplies, DC-DC converters in a variety of applications where small size is vital, such as mobile phones, LCD / LED TVs, laptop/notebook PCs, etc.



| SERIES    | A (mm)   | B (mm)   | C (mm)    | FIGURE | RANGE         | RATINGS     |
|-----------|----------|----------|-----------|--------|---------------|-------------|
| PSMT32    | 3.3±0.3  | 3.0±0.3  | 2.2±0.3   | 1      | 1.0 - 56uH    | 0.25 - 2.0A |
| PSMT42    | 4.5±0.3  | 4.0±0.3  | 2.4 max   | 1      | 1.0 - 100uH   | 0.18- 3.5A  |
| PSMT43    | 4.5±0.3  | 4.0±0.3  | 3.2±0.3   | 1      | 0.5 - 22uH    | 0.7 - 4.0A  |
| PSMT52    | 5.8±0.3  | 5.2±0.3  | 2.3 max   | 1      | 4.7 - 150uH   | 0.045 - 18A |
| PSMT53    | 5.8±0.3  | 5.2±0.3  | 3.0±0.5   | 1      | 1.0 - 820uH   | 0.15 - 3.5A |
| PSMT54    | 5.8±0.3  | 5.2±0.3  | 4.5±0.35  | 1      | 1.0 - 47uH    | 0.7 - 5.0A  |
| PSMT73    | 7.8±0.3  | 7.8±0.3  | 3.2±0.5   | 1      | 1.0 - 270uH   | 0.37 - 5.5A |
| PSMT75    | 7.8±0.3  | 7.0±0.3  | 5.0±0.5   | 1      | 1.0 - 150uH   | 0.5 - 7.5A  |
| PSMT104   | 10.0±0.3 | 9.0±0.3  | 4.0±0.5   | 1      | 1.0 - 820uH   | 0.3 - 9.0A  |
| PSMT105   | 10.0±0.4 | 9.0±0.3  | 5.4±0.4   | 1      | 0.5 - 470uH   | 0.5 - 16.0A |
| PSMT106   | 10.0±0.4 | 9.0±0.3  | 5.4±0.4   | 1      | 47.0 - 470uH  | 0.6 - 1.8A  |
| PSMT125   | 12.0±0.3 | 11.0±0.3 | 5.5±0.3   | 1      | 22.0 - 1000uH | 0.3 - 3.0A  |
| PSMT3216  | 1.6±0.3  | 3.2±0.3  | 1.8±0.3   | 2      | 0.19 - 68uH   | 0.1 - 3.0A  |
| PSMT3225  | 2.0±0.3  | 3.2±0.3  | 1.6±0.3   | 2      | 1.0 - 1500uH  | 0.03 - 1.3A |
| PSMT4532  | 2.6±0.3  | 4.5±0.3  | 3.4±0.3   | 2      | 1.0 - 680uH   | 0.07 - 2.5A |
| PSMT5750  | 5.6 max  | 6.3 max  | 5.3 max   | 2      | 1.0 - 2200uH  | 0.03 - 6.6A |
| PSMT1608  | 4.45 max | 6.6 max  | 2.92 max  | 3      | 1.0 - 470uH   | 0.11 - 6.0A |
| PSMT1608C | 4.45 max | 6.60 max | 2.92 max  | 3      | 1.0 - 3300uH  | 0.03 - 6.0A |
| PSMT2520  | 2.0±0.3  | 2.5±0.3  | 1.7±0.3   | 3      | 1.0 - 10.0uH  | 0.5 - 1.5A  |
| PSMT3316  | 10.0 max | 13.5 max | 5.2 max   | 3      | 1.0 - 1000uH  | 0.3 - 9.0A  |
| PSMT3340  | 9.5 max  | 14.0 max | 11.43 max | 3      | 15.0 - 2200uH | 0.8 - 5.0A  |
| PSMT5022  | 15.5 max | 19.5 max | 7.1 max   | 3      | 6.8 - 1500uH  | 1.0 - 10.0A |

Detail specifications are available upon request.

## PRIMEWORLD LIMITED

Derwent, Sawbridgeworth Road, Hatfield Heath, Bishop's Stortford, HERTS, CM22 7DR

Tel: 01279 730031

sales@primeworld.co.uk

www.primeworld.co.uk