

PRIMEWORLD LIMITED



PSME RANGE

Features

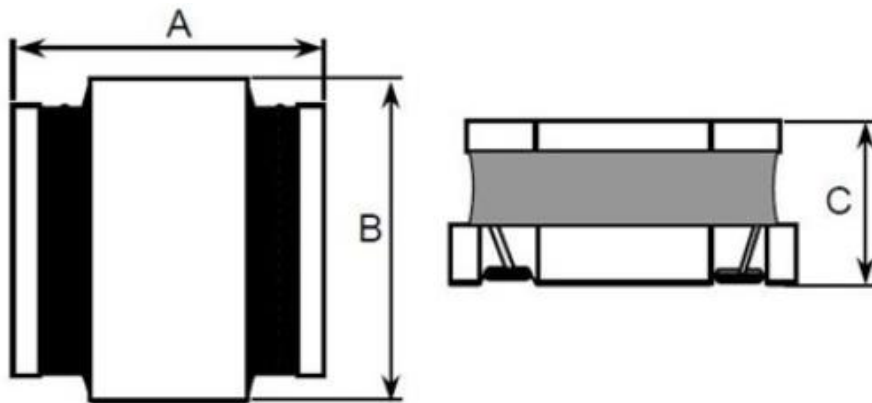
Miniature size

Ferrite powder epoxy coated inductors based on PSMT series product, achieving higher inductance at a lower height

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) | RANGE | RATINGS |
|---------|---------|---------|----------|--------------|-------------|
| SME3010 | 3.0±0.2 | 3.0±0.2 | 1.02 max | 1.0 - 22uH | 0.5 - 2.8A |
| SME3012 | 3.0±0.2 | 3.0±0.2 | 1.20 max | 1.0 - 22uH | 0.6 - 2.8A |
| SME3015 | 3.0±0.2 | 3.0±0.2 | 1.50 max | 1.0 - 22uH | 0.65 - 2.8A |
| SME4010 | 4.0±0.2 | 4.0±0.2 | 1.2±0.2 | 1.0 - 10uH | 0.65 - 2.2A |
| SME4012 | 4.0±0.2 | 4.0±0.2 | 1.2±0.1 | 1.0 - 47uH | 0.5 - 2.2A |
| SME4018 | 4.0±0.2 | 4.0±0.2 | 1.8±0.3 | 1.0 - 47uH | 0.23 - 3.5A |
| SME5020 | 5.0±0.2 | 5.0±0.2 | 2.0±0.3 | 1.0 - 47uH | 0.65 - 4.0A |
| SME5040 | 5.0±0.2 | 5.0±0.2 | 4.0±0.3 | 1.0 - 47uH | 0.9 - 4.6A |
| SME6012 | 6.0±0.2 | 6.0±0.2 | 1.2±0.1 | 1.0 - 68uH | 0.5 - 4.0A |
| SME6020 | 6.0±0.2 | 6.0±0.2 | 2.0±0.3 | 0.5 - 22uH | 1.1 - 6.0A |
| SME6028 | 6.0±0.2 | 6.0±0.2 | 2.8±0.3 | 1.0 - 100uH | 0.8 - 6.0A |
| SME6045 | 6.0±0.2 | 6.0±0.2 | 4.5±0.3 | 1.0 - 1000uH | 0.22 - 6.6A |
| SME8040 | 8.0±0.2 | 8.0±0.2 | 4.0±0.3 | 0.9 - 820uH | 0.38 - 8.0A |

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Detail specifications are available upon request.

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