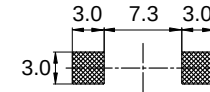
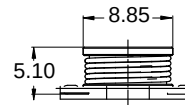
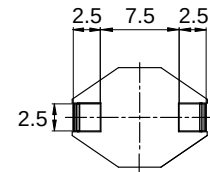
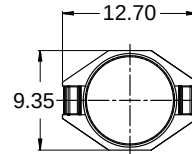
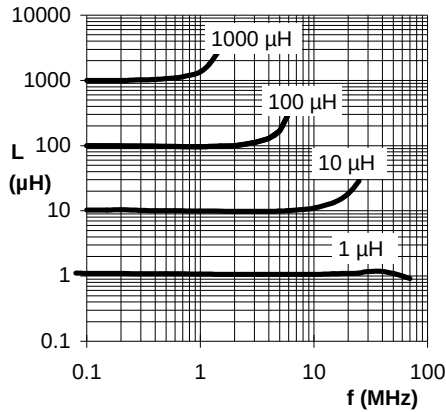


## Series

## Power Inductor SMD (Type M) PISM



Recommended layout for solder pads

| Ordering Code | L<br>(μH) | f <sub>L</sub><br>(MHz) | Tol<br>(%) | SRF<br>min<br>(MHz) | DC Res<br>max<br>(Ω) | Rated<br>DC Current   |                           | Material |
|---------------|-----------|-------------------------|------------|---------------------|----------------------|-----------------------|---------------------------|----------|
|               |           |                         |            |                     |                      | I <sub>sat</sub> (A)* | I <sub>DT=15°C</sub> (A)* |          |
| PISM-1R0M-04  | 1.0       | 0.1                     | ±20        | 115                 | 0.008                | 10.0                  | 6.9                       | Ferrite  |
| PISM-1R5M-04  | 1.5       |                         |            | 90                  | 0.009                | 9.0                   | 6.5                       |          |
| PISM-2R2M-04  | 2.2       |                         |            | 80                  | 0.01                 | 8.0                   | 6.2                       |          |
| PISM-3R3M-04  | 3.3       |                         |            | 58                  | 0.014                | 7.0                   | 5.5                       |          |
| PISM-4R7M-04  | 4.7       |                         |            | 49                  | 0.017                | 6.0                   | 4.9                       |          |
| PISM-6R8M-04  | 6.8       |                         |            | 39                  | 0.022                | 5.1                   | 4.4                       |          |
| PISM-100M-04  | 10        |                         |            | 28                  | 0.036                | 4.2                   | 3.9                       |          |
| PISM-150M-04  | 15        |                         |            | 22                  | 0.05                 | 3.2                   | 3.2                       |          |
| PISM-220M-04  | 22        |                         |            | 17                  | 0.06                 | 2.7                   | 2.7                       |          |
| PISM-330M-04  | 33        |                         |            | 13                  | 0.10                 | 2.1                   | 2.1                       |          |
| PISM-470M-04  | 47        |                         |            | 10                  | 0.14                 | 1.7                   | 1.7                       |          |
| PISM-680M-04  | 68        |                         |            | 8.5                 | 0.19                 | 1.5                   | 1.5                       |          |
| PISM-101M-04  | 100       |                         |            | 7                   | 0.28                 | 1.2                   | 1.2                       |          |
| PISM-151M-04  | 150       |                         |            | 5.3                 | 0.42                 | 1.0                   | 1.0                       |          |
| PISM-221M-04  | 220       |                         |            | 4.1                 | 0.60                 | 0.85                  | 0.85                      |          |
| PISM-331M-04  | 330       |                         |            | 3.2                 | 0.90                 | 0.65                  | 0.65                      |          |
| PISM-471M-04  | 470       |                         |            | 2.8                 | 1.25                 | 0.55                  | 0.55                      |          |
| PISM-681M-04  | 680       |                         |            | 2.3                 | 2.0                  | 0.45                  | 0.45                      |          |
| PISM-102M-04  | 1000      |                         |            | 1.7                 | 2.7                  | 0.35                  | 0.35                      |          |

\* explanation and packing specification see page 17