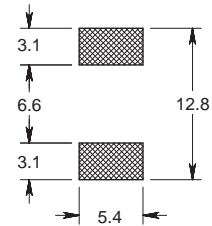
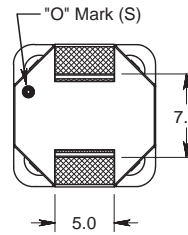
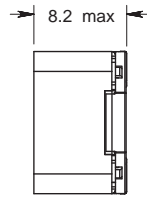
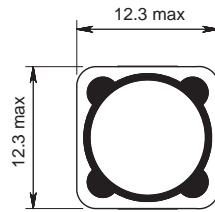
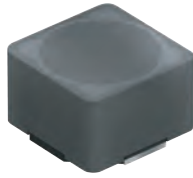


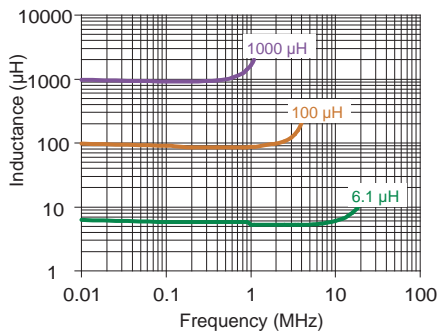
# PISA 4728

Magnetically Shielded

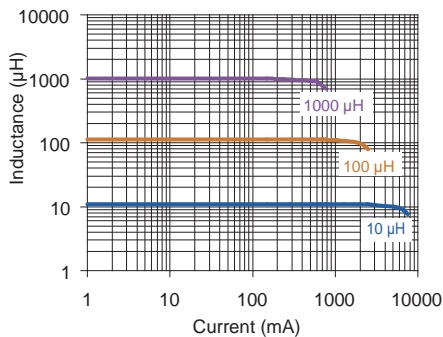


Recommended Layout for solder pads

Typical Ls vs Frequency (f)



Typical Ls vs Current (I)



| Part No          | Inductance | f <sub>L</sub> | ToI   | DCR max (mΩ) | Rated DC Current I (A) |
|------------------|------------|----------------|-------|--------------|------------------------|
|                  | L (µH)     | (kHz)          | ± (%) |              |                        |
| PISA4728-1R2N-04 | 1.2        | 100            | 30    | 7.0          | 9.8                    |
| PISA4728-2R4N-04 | 2.4        | 100            | 30    | 11.5         | 8.0                    |
| PISA4728-3R5N-04 | 3.5        | 100            | 30    | 13.5         | 7.5                    |
| PISA4728-4R7N-04 | 4.7        | 100            | 30    | 15.8         | 6.8                    |
| PISA4728-5R6N-04 | 5.6        | 100            | 30    | 15.8         | 6.7                    |
| PISA4728-6R1N-04 | 6.1        | 100            | 30    | 17.6         | 6.6                    |
| PISA4728-7R6N-04 | 7.6        | 100            | 30    | 20.0         | 5.9                    |
| PISA4728-100M-04 | 10         | 1              | 20    | 21.6         | 5.4                    |
| PISA4728-120M-04 | 12         | 1              | 20    | 24.3         | 4.9                    |
| PISA4728-150M-04 | 15         | 1              | 20    | 27.0         | 4.5                    |
| PISA4728-180M-04 | 18         | 1              | 20    | 39.2         | 3.9                    |
| PISA4728-220M-04 | 22         | 1              | 20    | 43.2         | 3.6                    |
| PISA4728-270M-04 | 27         | 1              | 20    | 45.9         | 3.4                    |
| PISA4728-330M-04 | 33         | 1              | 20    | 64.8         | 3.0                    |
| PISA4728-390M-04 | 39         | 1              | 20    | 72.9         | 2.75                   |
| PISA4728-470M-04 | 47         | 1              | 20    | 100          | 2.50                   |
| PISA4728-560M-04 | 56         | 1              | 20    | 110          | 2.35                   |
| PISA4728-680M-04 | 68         | 1              | 20    | 140          | 2.10                   |
| PISA4728-820M-04 | 82         | 1              | 20    | 160          | 1.95                   |
| PISA4728-101M-04 | 100        | 1              | 20    | 220          | 1.70                   |
| PISA4728-121M-04 | 120        | 1              | 20    | 250          | 1.60                   |
| PISA4728-151M-04 | 150        | 1              | 20    | 280          | 1.42                   |
| PISA4728-181M-04 | 180        | 1              | 20    | 350          | 1.30                   |
| PISA4728-221M-04 | 220        | 1              | 20    | 390          | 1.16                   |
| PISA4728-271M-04 | 270        | 1              | 20    | 560          | 1.06                   |
| PISA4728-331M-04 | 330        | 1              | 20    | 640          | 0.95                   |
| PISA4728-391M-04 | 390        | 1              | 20    | 700          | 0.88                   |
| PISA4728-471M-04 | 470        | 1              | 20    | 980          | 0.79                   |
| PISA4728-561M-04 | 560        | 1              | 20    | 1070         | 0.73                   |
| PISA4728-681M-04 | 680        | 1              | 20    | 1480         | 0.67                   |
| PISA4728-821M-04 | 820        | 1              | 20    | 1640         | 0.60                   |
| PISA4728-102M-04 | 1000       | 1              | 20    | 1820         | 0.55                   |
| PISA4728-152M-04 | 1500       | 1              | 20    | 2300         | 0.45                   |

Core Material : Ferrite

Revision date : 25 Jul 2018

Base Material : Plastic

SPQ : Taped / Reel 500 [-04]

Remarks :- Additional gluing to PCB board is recommended.

- I - see description in Inductors Technical Data.