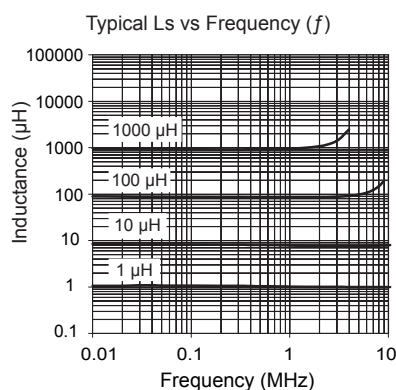
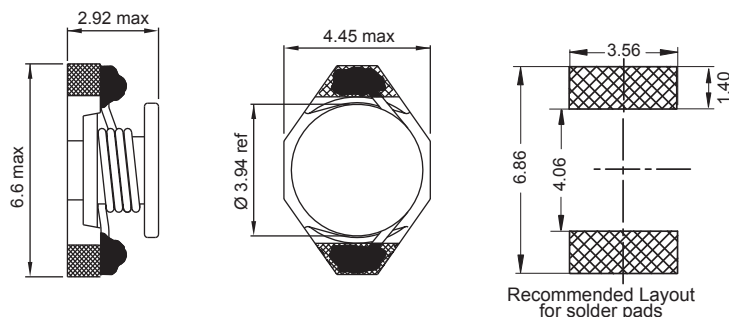


# PISG



| Part No      | Inductance | f <sub>L</sub> | Tol           | SRF       | DCR     | Rated DC         |                        |
|--------------|------------|----------------|---------------|-----------|---------|------------------|------------------------|
|              | L (µH)     | (MHz)          | ± (%)         | typ (MHz) | max (Ω) | I <sub>sat</sub> | I <sub>ΔT</sub> = 30°C |
| PISG-1R0X-01 | 1.0        | 0.1            | 10, <b>20</b> | 130       | 0.05    | 2.9              | 2.9                    |
| PISG-1R5X-01 | 1.5        | 0.1            | 10, <b>20</b> | 115       | 0.06    | 2.6              | 2.8                    |
| PISG-2R2X-01 | 2.2        | 0.1            | 10, <b>20</b> | 90        | 0.07    | 2.3              | 2.4                    |
| PISG-3R3X-01 | 3.3        | 0.1            | 10, <b>20</b> | 70        | 0.08    | 2.0              | 2.0                    |
| PISG-4R7X-01 | 4.7        | 0.1            | 10, <b>20</b> | 50        | 0.09    | 1.5              | 1.5                    |
| PISG-6R8X-01 | 6.8        | 0.1            | 10, <b>20</b> | 45        | 0.13    | 1.2              | 1.4                    |
| PISG-100X-01 | 10         | 0.1            | 10, <b>20</b> | 35        | 0.16    | 1.1              | 1.2                    |
| PISG-150X-01 | 15         | 0.1            | 10, <b>20</b> | 30        | 0.23    | 0.9              | 1.1                    |
| PISG-220X-01 | 22         | 0.1            | 10, <b>20</b> | 20        | 0.37    | 0.7              | 0.8                    |
| PISG-270X-01 | 27         | 0.1            | 10, <b>20</b> | 15        | 0.51    | 0.65             | 0.7                    |
| PISG-330X-01 | 33         | 0.1            | 10, <b>20</b> | 15        | 0.51    | 0.58             | 0.6                    |
| PISG-470X-01 | 47         | 0.1            | 10, <b>20</b> | 14        | 0.64    | 0.50             | 0.5                    |
| PISG-560X-01 | 56         | 0.1            | 10, <b>20</b> | 11        | 0.86    | 0.40             | 0.4                    |
| PISG-680X-01 | 68         | 0.1            | 10, <b>20</b> | 11        | 0.86    | 0.40             | 0.4                    |
| PISG-101X-01 | 100        | 0.1            | 10, <b>20</b> | 9         | 1.00    | 0.40             | 0.3                    |
| PISG-151X-01 | 150        | 0.1            | 10, <b>20</b> | 6         | 2.00    | 0.27             | 0.25                   |
| PISG-221X-01 | 220        | 0.1            | 10, <b>20</b> | 5.5       | 3.11    | 0.22             | 0.20                   |
| PISG-331X-01 | 330        | 0.1            | 10, <b>20</b> | 5         | 3.80    | 0.18             | 0.16                   |
| PISG-471X-01 | 470        | 0.1            | 10, <b>20</b> | 4         | 5.06    | 0.16             | 0.15                   |
| PISG-561X-01 | 560        | 0.1            | 10, <b>20</b> | 3         | 9.00    | 0.15             | 0.15                   |
| PISG-681X-01 | 680        | 0.1            | 10, <b>20</b> | 3         | 9.20    | 0.14             | 0.12                   |
| PISG-102X-01 | 1000       | 0.1            | 10, <b>20</b> | 2         | 13.8    | 0.10             | 0.07                   |

**Material** : Ferrite, Ceramic base

Revision date : 01 Aug 2012

**SPQ** : Reel 750 [-01]

**Remarks** : I<sub>sat</sub> & I<sub>ΔT</sub> - see description in inductors Technical Data.