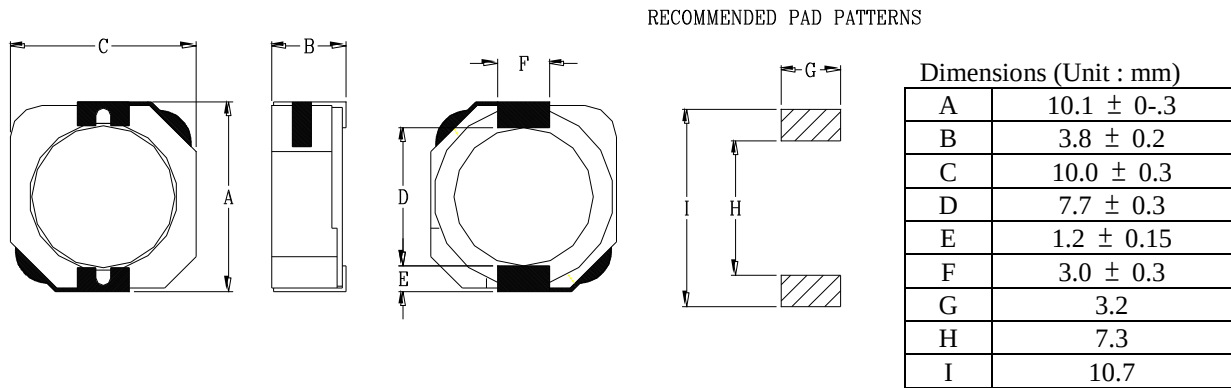




## DELTA P/N : SIL104R Series

### Mechanical dimensions



### Electrical Characteristics @25°C , 100KHz, 0.1V

| Delta P/N   | L <sup>1</sup><br>(uH) | DCR<br>(mΩ) MAX | I <sub>rated</sub> <sup>2</sup><br>(A <sub>dc</sub> ) |
|-------------|------------------------|-----------------|-------------------------------------------------------|
| SIL104R-1R5 | 1.5                    | 8.1             | 10                                                    |
| SIL104R-2R5 | 2.2                    | 10              | 7.5                                                   |
| SIL104R-3R8 | 3.8                    | 13              | 6.0                                                   |
| SIL104R-5R2 | 5.2                    | 22              | 5.5                                                   |
| SIL104R-7R0 | 7.0                    | 27              | 4.8                                                   |
| SIL104R-100 | 10                     | 35              | 4.4                                                   |
| SIL104R-120 | 12                     | 46              | 3.7                                                   |
| SIL104R-150 | 15                     | 50              | 3.6                                                   |
| SIL104R-220 | 22                     | 73              | 2.9                                                   |
| SIL104R-330 | 33                     | 93              | 2.3                                                   |
| SIL104R-470 | 47                     | 128             | 2.1                                                   |
| SIL104R-680 | 68                     | 213             | 1.5                                                   |
| SIL104R-101 | 100                    | 304             | 1.35                                                  |
| SIL104R-151 | 150                    | 506             | 1.15                                                  |
| SIL104R-221 | 220                    | 756             | 0.92                                                  |
| SIL104R-331 | 330                    | 1090            | 0.7                                                   |

1. Tolerance of inductance : ±30% .
2. I<sub>rated</sub> is the DC current which cause the inductance drop less than 35% of it's nominal inductance without current and the surface temperature of the part increase less than 45 °C .
3. Operating temperature: -40°C to 125°C (Self-temperature rise included).