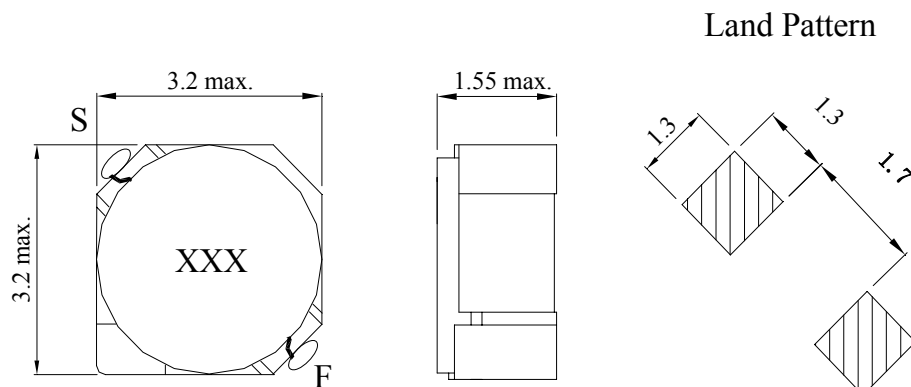


### 【SDRH2D14-SERIES】

#### DIMENSIONS & RECOMMENDED PATTERN



Unit: mm

#### ※ FEATURES

- Applications : DC to DC converter of portable equipment, camcorder, LCD television set, digital camera, P.D.A., notebook

#### SELECTION GUIDE FOR STANDARD COILS

| SDE Part Number | Inductance | Tolerance  | DC Resistance    | Inductance Decrease Current |
|-----------------|------------|------------|------------------|-----------------------------|
|                 | ( $\mu$ H) | (%)        | ( $\Omega$ ) Max | (A) Max                     |
| SDRH2D14 - R47N | 0.47       | $\pm 30\%$ | 0.04             | 2.00                        |
| SDRH2D14 - 1R5N | 1.5        | $\pm 30\%$ | 0.063            | 1.80                        |
| SDRH2D14 - 1R8N | 1.8        | $\pm 30\%$ | 0.075            | 1.65                        |
| SDRH2D14 - 2R2N | 2.2        | $\pm 30\%$ | 0.094            | 1.50                        |
| SDRH2D14 - 2R7N | 2.7        | $\pm 30\%$ | 0.106            | 1.35                        |
| SDRH2D14 - 3R3N | 3.3        | $\pm 30\%$ | 0.125            | 1.20                        |
| SDRH2D14 - 3R9N | 3.9        | $\pm 30\%$ | 0.138            | 1.10                        |
| SDRH2D14 - 4R1N | 4.1        | $\pm 30\%$ | 0.169            | 1.00                        |
| SDRH2D14 - 4R7N | 4.7        | $\pm 30\%$ | 0.169            | 1.00                        |
| SDRH2D14 - 5R6N | 5.6        | $\pm 30\%$ | 0.188            | 0.95                        |
| SDRH2D14 - 6R8N | 6.8        | $\pm 30\%$ | 0.213            | 0.85                        |
| SDRH2D14 - 8R2N | 8.2        | $\pm 30\%$ | 0.281            | 0.80                        |
| SDRH2D14 - 100N | 10.0       | $\pm 30\%$ | 0.294            | 0.70                        |
| SDRH2D14 - 120N | 12.0       | $\pm 30\%$ | 0.394            | 0.62                        |

#### ※ GENERAL SPECIFICATION:

- Inductance drop =35% typ. at IDC.
- $\Delta T=30^{\circ}\text{C}$  rise at IDC.
- Operating Temperature :  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Test Freq. : 100KHz / 0.1V.