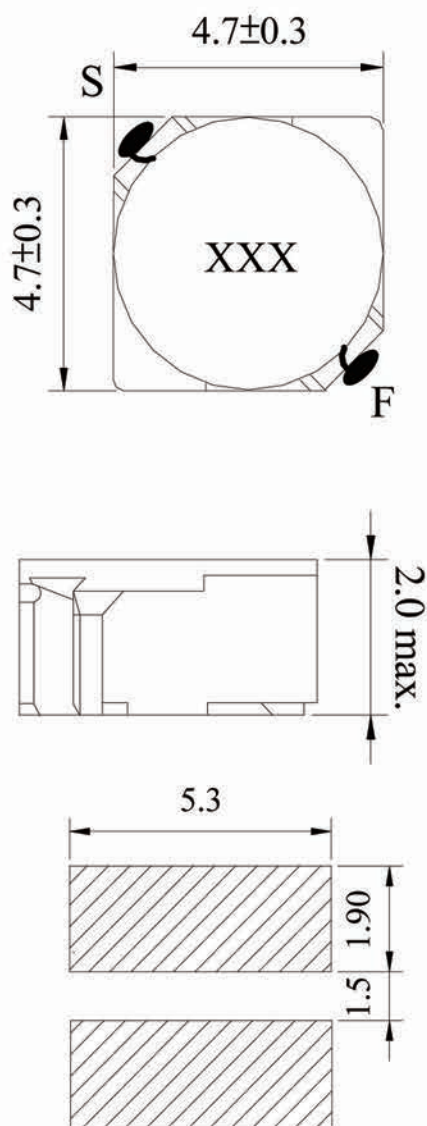




# 【YCRH4D18-SERIES】

## DIMENSIONS & RECOMMENDED



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 |
|-----------------|------------|-----------|---------------|-----------------------------|
|                 | (μH)       | (%)       | (Ω) Max       | (A) Max                     |
| YCRH4D18 - 1R0N | 1.0        | ± 30%     | 0.045         | 1.72                        |
| YCRH4D18 - 2R2N | 2.2        | ± 30%     | 0.075         | 1.32                        |
| YCRH4D18 - 2R7N | 2.7        | ± 30%     | 0.105         | 1.28                        |
| YCRH4D18 - 3R3N | 3.3        | ± 30%     | 0.110         | 1.04                        |
| YCRH4D18 - 3R9N | 3.9        | ± 30%     | 0.155         | 0.88                        |
| YCRH4D18 - 4R7N | 4.7        | ± 30%     | 0.162         | 0.84                        |
| YCRH4D18 - 5R6N | 5.6        | ± 30%     | 0.170         | 0.80                        |
| YCRH4D18 - 6R8N | 6.8        | ± 30%     | 0.200         | 0.76                        |
| YCRH4D18 - 8R2N | 8.2        | ± 30%     | 0.245         | 0.68                        |
| YCRH4D18 - 100N | 10.0       | ± 30%     | 0.200         | 0.61                        |
| YCRH4D18 - 120N | 12.0       | ± 30%     | 0.210         | 0.56                        |
| YCRH4D18 - 150N | 15.0       | ± 30%     | 0.240         | 0.50                        |
| YCRH4D18 - 180N | 18.0       | ± 30%     | 0.338         | 0.48                        |
| YCRH4D18 - 220N | 22.0       | ± 30%     | 0.397         | 0.41                        |
| YCRH4D18 - 270N | 27.0       | ± 30%     | 0.441         | 0.35                        |
| YCRH4D18 - 330N | 33.0       | ± 30%     | 0.694         | 0.32                        |
| YCRH4D18 - 390N | 39.0       | ± 30%     | 0.709         | 0.30                        |
| YCRH4D18 - 470N | 47.0       | ± 30%     | 0.922         | 0.28                        |
| YCRH4D18 - 560N | 56.0       | ± 30%     | 1.080         | 0.26                        |
| YCRH4D18 - 680N | 68.0       | ± 30%     | 1.300         | 0.24                        |
| YCRH4D18 - 820N | 82.0       | ± 30%     | 1.560         | 0.22                        |
| YCRH4D18 - 101N | 100.0      | ± 30%     | 1.730         | 0.20                        |
| YCRH4D18 - 121N | 120.0      | ± 30%     | 2.390         | 0.18                        |
| YCRH4D18 - 151N | 150.0      | ± 30%     | 2.670         | 0.15                        |
| YCRH4D18 - 181N | 180.0      | ± 30%     | 4.000         | 0.14                        |

### ※ GENERAL SPECIFICATION:

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