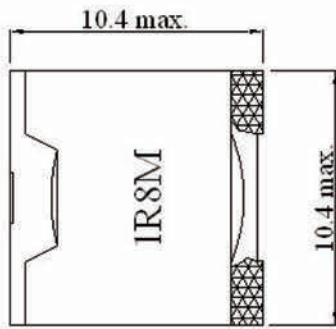


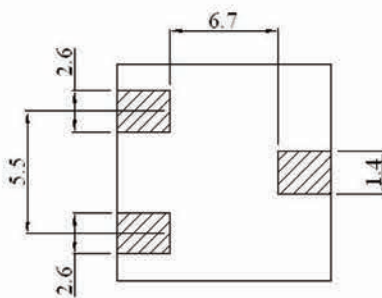
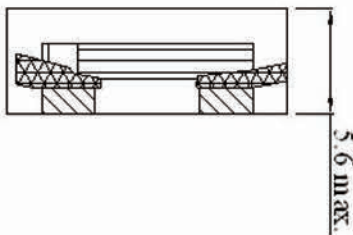


【YCCEP105H/L/S-SERIES】

DIMENSIONS & RECOMMENDED



TOP VIEW



BOTTOM VIEW

Unit: mm

※ FEATURES

- Applications : DC to DC converters for notebook, desktop, server applications, battery power equipment, power supplier, etc

SELECTION GUIDE FOR STANDARD COILS

| SDE Part Number | Inductance (μH) | Tolerance (%) | DC Resistance (Ω) Max | Inductance Decrease Current (A) Max |
|------------------|-----------------|---------------|-----------------------|-------------------------------------|
| YCCEP105H - R15N | 0.15 | ± 30% | 0.0017 | 19.0 |
| YCCEP105H - R30M | 0.30 | ± 30% | 0.0024 | 17.7 |
| YCCEP105H - R50M | 0.50 | ± 20% | 0.0041 | 13.0 |
| YCCEP105H - R80M | 0.80 | ± 20% | 0.0053 | 11.2 |
| YCCEP105H - 1R2M | 1.20 | ± 20% | 0.0075 | 9.0 |
| YCCEP105H - 1R5M | 1.50 | ± 20% | 0.0105 | 7.8 |
| YCCEP105H - 2R0M | 2.00 | ± 20% | 0.0124 | 7.4 |
| YCCEP105H - 3R0M | 3.00 | ± 20% | 0.0238 | 4.9 |
| YCCEP105L - R36N | 0.36 | ± 30% | 0.0017 | 19.0 |
| YCCEP105L - R80M | 0.80 | ± 20% | 0.0024 | 16.0 |
| YCCEP105L - 1R4M | 1.40 | ± 20% | 0.0041 | 12.0 |
| YCCEP105L - 2R2M | 2.20 | ± 20% | 0.0053 | 9.6 |
| YCCEP105L - 3R2M | 3.20 | ± 20% | 0.0075 | 7.8 |
| YCCEP105L - 4R3M | 4.30 | ± 20% | 0.0105 | 6.8 |
| YCCEP105L - 5R7M | 5.70 | ± 20% | 0.0124 | 5.8 |
| YCCEP105L - 7R2M | 7.20 | ± 20% | 0.0180 | 5.3 |
| YCCEP105L - 8R8M | 8.80 | ± 20% | 0.0238 | 4.8 |
| YCCEP105S - R22N | 0.22 | ± 30% | 0.0017 | 19.0 |
| YCCEP105S - R45M | 0.45 | ± 20% | 0.0024 | 17.7 |
| YCCEP105S - R80M | 0.80 | ± 20% | 0.0041 | 13.0 |
| YCCEP105S - 1R3M | 1.30 | ± 20% | 0.0053 | 11.2 |
| YCCEP105S - 1R8M | 1.80 | ± 20% | 0.0075 | 9.0 |
| YCCEP105S - 2R5M | 2.50 | ± 20% | 0.0105 | 7.8 |
| YCCEP105S - 3R2M | 3.20 | ± 20% | 0.0124 | 7.4 |
| YCCEP105S - 4R0M | 4.00 | ± 20% | 0.0180 | 6.2 |
| YCCEP105S - 5R0M | 5.00 | ± 20% | 0.0238 | 4.9 |

※ GENERAL SPECIFICATION:

- Rate DC Current indicates the current when the inductance decreases to 70% (N) over and 80% (M) over more than its normal value, D.C. current temperature rise $\Delta T = 40^\circ\text{C}$ lower. Whichever is lower.
- Operating Temp. : $-40^\circ\text{C} \sim +85^\circ\text{C}$
- Test Freq. : 100KHz / 1V.