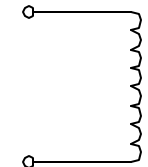
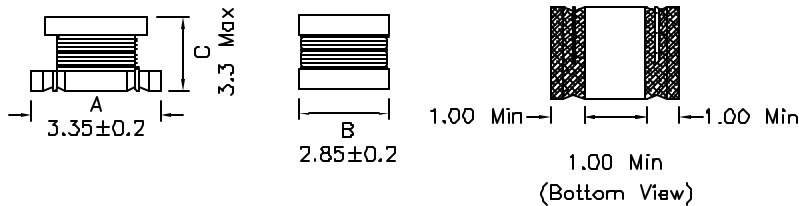


XFWI342933 SERIES INDUCTORS

- * LOW PROFILE SMD TYPE FOR HIGH CURRENT APPLICATION
- * TAPE AND REEL PACKAGING FOR HIGH VOLUME MANUFACTURING
2000 PCS PER 13" REEL
- * FOR DC/DC CONVERTERS, DC/AC INVERTERS, VRM APPLICATIONS
- * TEMP. RISE: 30°C TYPICAL ABOVE 60°C AMBIENT
- * OPERATING TEMP.: 0°C TO +70°C

Schematic:

Mechanical Dimensions:



UNLESS OTHERWISE SPECIFIED
 TOLERANCES:
 N/A
 Dimensions in MM

| Part Number | Inductance (uH) | DCR Max (Ohms) | Rated Current (Adc) |
|----------------|-----------------|----------------|---------------------|
| XFWI342933-0R9 | 0.9 | 0.038 | 3.00 |
| XFWI342933-1R2 | 1.2 | 0.050 | 2.90 |
| XFWI342933-1R4 | 1.4 | 0.056 | 2.50 |
| XFWI342933-1R7 | 1.7 | 0.062 | 2.30 |
| XFWI342933-2R0 | 2.0 | 0.075 | 2.10 |
| XFWI342933-2R7 | 2.7 | 0.085 | 1.80 |
| XFWI342933-3R0 | 3.0 | 0.110 | 1.70 |
| XFWI342933-4R0 | 4.0 | 0.130 | 1.40 |
| XFWI342933-4R7 | 4.7 | 0.150 | 1.30 |
| XFWI342933-5R6 | 5.5 | 0.170 | 1.20 |
| XFWI342933-6R8 | 6.8 | 0.195 | 1.10 |
| XFWI342933-8R2 | 8.2 | 0.230 | 1.00 |
| XFWI342933-100 | 10 | 0.200 | 0.95 |
| XFWI342933-120 | 12 | 0.375 | 0.85 |
| XFWI342933-150 | 15 | 0.450 | 0.75 |
| XFWI342933-180 | 18 | 0.590 | 0.70 |
| XFWI342933-220 | 22 | 0.680 | 0.64 |
| XFWI342933-270 | 27 | 0.820 | 0.58 |
| XFWI342933-330 | 33 | 1.160 | 0.50 |
| XFWI342933-390 | 39 | 1.210 | 0.48 |
| XFWI342933-470 | 47 | 1.400 | 0.45 |
| XFWI342933-560 | 56 | 1.780 | 0.40 |
| XFWI342933-680 | 68 | 2.020 | 0.38 |
| XFWI342933-820 | 82 | 2.240 | 0.32 |
| XFWI342933-101 | 100 | 3.150 | 0.29 |

NOTES:

1. Inductance tested at 100 KHz 0.1V, 25°C
2. Tolerance of inductance
0.9-10uH ± 15%
10-100uH ± 15%
3. The rated current indicates the amount of current when the inductance is 10% lower than its initial value