

# CUSTOMER INFORMATION

## UniPac3T (UP3T) Family Table

| Part Number              | Rated Inductance (μH) | OCL nominal +/-20% (μH) |  | <u>I<sub>RMS</sub> Amperes</u><br>for approximately a ΔT of<br>40°C. @ an ambient<br>temperature of 85°C | <u>I<sub>SAT</sub> Amperes Peak</u><br>for approximately 30% rolloff. | DCR (Ω) max.<br>@ 20°C. |
|--------------------------|-----------------------|-------------------------|--|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------|
| <a href="#">UP3T-R47</a> | .470                  | 0.452                   |  | 16.0                                                                                                     | 25.1                                                                  | .0026                   |
| <a href="#">UP3T-1R0</a> | 1.0                   | 1.34                    |  | 12.5                                                                                                     | 15.3                                                                  | .0037                   |
| <a href="#">UP3T-1R5</a> | 1.5                   | 2.08                    |  | 10.0                                                                                                     | 12.0                                                                  | .0060                   |
| <a href="#">UP3T-2R2</a> | 2.2                   | 3.01                    |  | 9.2                                                                                                      | 10.2                                                                  | .0081                   |
| <a href="#">UP3T-3R3</a> | 3.3                   | 3.96                    |  | 8.0                                                                                                      | 9.3                                                                   | .0090                   |
| <a href="#">UP3T-4R7</a> | 4.7                   | 5.00                    |  | 6.5                                                                                                      | 7.7                                                                   | .0134                   |
| <a href="#">UP3T-6R8</a> | 6.8                   | 7.70                    |  | 5.8                                                                                                      | 6.2                                                                   | .0189                   |
| <a href="#">UP3T-100</a> | 10.0                  | 11.00                   |  | 4.3                                                                                                      | 5.2                                                                   | .0286                   |
| <a href="#">UP3T-150</a> | 15.0                  | 16.38                   |  | 3.9                                                                                                      | 4.3                                                                   | .0350                   |
| <a href="#">UP3T-220</a> | 22.0                  | 23.93                   |  | 3.1                                                                                                      | 3.7                                                                   | .0525                   |
| <a href="#">UP3T-330</a> | 33.0                  | 33.85                   |  | 2.4                                                                                                      | 3.0                                                                   | .0720                   |
| <a href="#">UP3T-470</a> | 47.0                  | 51.00                   |  | 1.9                                                                                                      | 2.4                                                                   | .1117                   |
| <a href="#">UP3T-680</a> | 68.0                  | 69.50                   |  | 1.6                                                                                                      | 2.0                                                                   | .1558                   |
| <a href="#">UP3T-101</a> | 100.0                 | 101.4                   |  | 1.4                                                                                                      | 1.8                                                                   | .2053                   |
| <a href="#">UP3T-151</a> | 150.0                 | 153.1                   |  | 1.1                                                                                                      | 1.4                                                                   | .2998                   |
| <a href="#">UP3T-221</a> | 253.0                 | 222.8                   |  | 0.98                                                                                                     | 1.2                                                                   | .3987                   |
| <a href="#">UP3T-331</a> | 380.0                 | 332.8                   |  | 0.74                                                                                                     | 0.98                                                                  | .7133                   |

OCL (Open Circuit Inductance)  
Test parameters: 100KHz,  
0.25 Vrms, 0.0 Adc

**Part number definition:**  
First 4 characters = Product code and size.  
Last 3 characters = Inductance in μH. R=decimal point.  
If no R is present third character = # of zeros.

**Cooper Electronic Technologies**  
6000 Park of Commerce Blvd, Boca Raton, FL 33487

**UniPac3T (UP3T) Thru Hole Inductor Line**  
**9.7 mm max height.**  
**FAMILY TABLE**

|      |                 |                           |               |
|------|-----------------|---------------------------|---------------|
| SIZE | Drawing Number: | <b>UP3T Inductor Line</b> |               |
| A    | Revision Level: | B                         | Sheet 4 of 21 |