

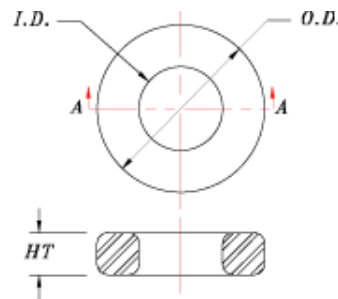
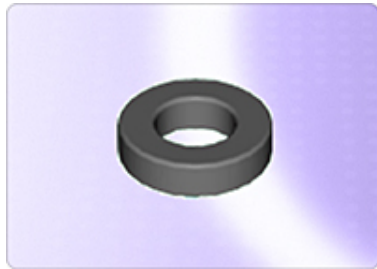
66 Toroid Series

Features

- Highest saturation flux density (Bs) and excellent DC bias handling capability in the industry
- Available in wide range of size selection
- Designed for extended operating temperature -40°C to 85°C

Applications

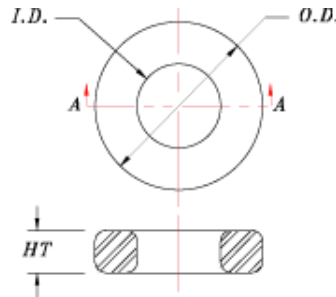
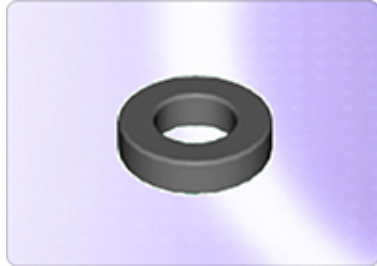
- POE and POE+ LAN magnetics with up to 30mA DC bias requirements
- Wide-band transformer



Item #	O.D.	I.D.	HT	Weight/kg	I_o	MLT
66T0153-30P	3.96 mm 0.156 inches	1.75 mm 0.069 inches	3.01 mm 0.118 inches	0.1696 kg	8.054 mm	8.22 mm/turn
66T0153-40P	3.96 mm 0.156 inches	1.75 mm 0.069 inches	2.57 mm 0.101 inches	0.1448 kg	8.054 mm	7.34 mm/turn
66T0154-70P	3.96 mm 0.156 inches	1.65 mm 0.069 inches	2.57 mm 0.101 inches	0.1458 kg	7.784 mm	7.44 mm/turn
66T0155-00P	3.96 mm 0.156 inches	2.21 mm 0.087 inches	2.57 mm 0.101 inches	0.1400 kg	9.165 mm	6.88 mm/turn
66T0157-00P	4.02 mm 0.158 inches	1.98 mm 0.078 inches	2.03 mm 0.080 inches	0.1168 kg	8.687 mm	6.11 mm/turn
66T0175-20P	4.47 mm 0.176 inches	2.26 mm 0.089 inches	2.57 mm 0.101 inches	0.1839 kg	9.796 mm	7.34 mm/turn
66T0190-80P	4.85 mm 0.191 inches	2.26 mm 0.089 inches	3.00 mm 0.118 inches	0.2578 kg	10.155 mm	8.58 mm/turn
66T0190-70P	4.83 mm 0.190 inches	2.29 mm 0.090 inches	4.45 mm 0.176 inches	0.3781 kg	10.196 mm	11.44 mm/turn
66T0220-00P	5.60 mm 0.220 inches	2.80 mm 0.110 inches	3.20 mm 0.126 inches	0.3698 kg	12.194 mm	9.20 mm/turn
66T0231-10P	5.87 mm 0.231 inches	3.02 mm 0.119 inches	3.07 mm 0.121 inches	0.3905 kg	12.991 mm	8.99 mm/turn
66T0231-70P	5.87 mm 0.231 inches	3.02 mm 0.119 inches	4.32 mm 0.170 inches	0.5486 kg	12.991 mm	11.48 mm/turn
66T0238-00P	6.07 mm 0.239 inches	2.92 mm 0.115 inches	3.20 mm 0.126 inches	0.4393 kg	12.939 mm	9.55 mm/turn

T0100 to T0325 (less than 8.5 mm / 0.335 inch) Ferrite Toroids

Laird Technologies' ferrite toroids provide high performance when wound and used as cores for transformers, inductors, or chokes. A variety of materials and core sizes allow performance to be optimized for application size and frequency. Laird Technologies offers materials which provide the high inductance and low losses desired for high frequency transformers, materials which provide high impedance for low frequency EMI suppression, and materials which provide high impedance for high frequency EMI suppression. Small-sized, custom part shapes are also available in Laird Technologies' 35 and 40 materials for specialized filtering applications.

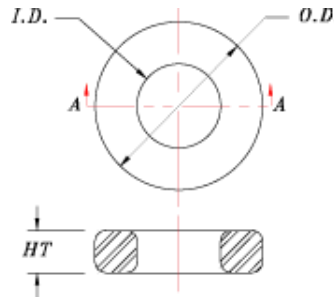
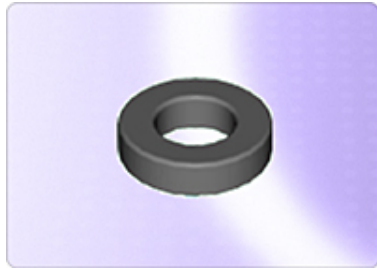


Item #	O.D.	I.D.	HT	Weight/kg	I_o	MLT
T0100-00P	2.54 mm 0.100 inches	1.27 mm 0.050 inches	1.27 mm 0.050 inches	0.02 kg	5.531 mm	3.81 mm/turn
T0100-20P	2.54 mm 0.100 inches	1.27 mm 0.050 inches	0.76 mm 0.030 inches	0.01 kg	5.531 mm	2.79 mm/turn
T0100-30P	2.54 mm 0.100 inches	1.27 mm 0.050 inches	0.99 mm 0.039 inches	0.02 kg	5.531 mm	3.25 mm/turn
T0100-40P	2.54 mm 0.100 inches	1.27 mm 0.050 inches	2.54 mm 0.100 inches	0.05 kg	5.531 mm	6.35 mm/turn
T0101-10P	2.54 mm 0.100 inches	1.50 mm 0.059 inches	0.99 mm 0.039 inches	0.02 kg	6.059 mm	3.02 mm/turn
T0115-00P	2.92 mm 0.115 inches	1.63 mm 0.064 inches	1.78 mm 0.070 inches	0.04 kg	6.749 mm	4.85 mm/turn
T0115-10P	2.92 mm 0.115 inches	1.63 mm 0.064 inches	2.41 mm 0.095 inches	0.05 kg	6.749 mm	6.12 mm/turn
T0119-00P	3.05 mm 0.120 inches	1.27 mm 0.050 inches	1.27 mm 0.050 inches	0.04 kg	5.988 mm	4.32 mm/turn
T0119-10P	3.05 mm 0.120 inches	1.27 mm 0.050 inches	0.76 mm 0.030 inches	0.02 kg	5.988 mm	3.30 mm/turn
T0119-20P	3.05 mm 0.120 inches	1.27 mm 0.050 inches	0.86 mm 0.034 inches	0.03 kg	5.988 mm	3.51 mm/turn
T0119-40P	3.05 mm 0.120 inches	1.27 mm 0.050 inches	2.54 mm 0.100 inches	0.07 kg	5.988 mm	6.86 mm/turn
T0120-00P	3.05 mm 0.120 inches	1.78 mm 0.070 inches	1.52 mm 0.060 inches	0.04 kg	7.226 mm	4.32 mm/turn
T0120-80P	3.05 mm 0.120 inches	1.78 mm 0.070 inches	2.03 mm 0.080 inches	0.05 kg	7.226 mm	5.33 mm/turn
T0121-20P	3.05 mm 0.120 inches	1.52 mm 0.060 inches	2.06 mm 0.081 inches	0.05 kg	6.637 mm	5.64 mm/turn
T0122-00P	3.05 mm 0.120 inches	1.65 mm 0.065 inches	1.65 mm 0.065 inches	0.04 kg	6.938 mm	4.70 mm/turn
T0122-30P	3.05 mm 0.120 inches	1.65 mm 0.065 inches	2.39 mm 0.094 inches	0.06 kg	6.938 mm	6.17 mm/turn
T0130-00P	3.30 mm 0.130 inches	1.27 mm 0.050 inches	1.27 mm 0.050 inches	0.05 kg	6.195 mm	4.57 mm/turn
T0135-00P	3.43 mm 0.135 inches	1.78 mm 0.070 inches	1.27 mm 0.050 inches	0.04 kg	7.619 mm	4.19 mm/turn

T0135-10P	3.43 mm 0.135 inches	1.78 mm 0.070 inches	2.06 mm 0.081 inches	0.07 kg	7.619 mm	5.77 mm/turn
T0135-20P	3.43 mm 0.135 inches	1.78 mm 0.070 inches	0.86 mm 0.034 inches	0.03 kg	7.619 mm	3.38 mm/turn
T0135-30P	3.43 mm 0.135 inches	1.78 mm 0.070 inches	2.54 mm 0.100 inches	0.08 kg	7.619 mm	6.73 mm/turn
T0135-40P	3.43 mm 0.135 inches	1.78 mm 0.070 inches	1.78 mm 0.070 inches	0.06 kg	7.619 mm	5.21 mm/turn
T0135-60P	3.43 mm 0.135 inches	1.78 mm 0.070 inches	1.52 mm 0.060 inches	0.05 kg	7.619 mm	4.70 mm/turn
T0137-00P	3.43 mm 0.135 inches	1.52 mm 0.060 inches	0.76 mm 0.030 inches	0.03 kg	6.989 mm	3.43 mm/turn
T0145-00P	3.68 mm 0.145 inches	1.65 mm 0.065 inches	2.54 mm 0.100 inches	0.11 kg	7.543 mm	7.11 mm/turn

T0375 to T1417 (9.53 mm to 36.00 mm / 0.375 inch to 1.417 inch) Ferrite Toroids

Laird Technologies' ferrite toroids provide high performance when wound and used as cores for transformers, inductors, or chokes. A variety of materials and core sizes allow performance to be optimized for application size and frequency. Laird Technologies offers materials which provide the high inductance and low losses desired for high frequency transformers, materials which provide high impedance for low frequency EMI suppression, and materials which provide high impedance for high frequency EMI suppression. Small-sized, custom part shapes are also available in Laird Technologies 35 and 40 materials for specialized filtering applications.



Item #	O.D.	I.D.	HT	Weight/kg	I_o	MLT
T0375-00H	9.53 mm 0.375 inches	4.75 mm 0.187 inches	6.35 mm 0.250 inches	1.66 kg	20.716 mm	17.48 mm/turn
T0375-10H	9.53 mm 0.375 inches	4.75 mm 0.187 inches	3.18 mm 0.125 inches	0.83 kg	20.716 mm	11.14 mm/turn
T0375-30H	9.53 mm 0.375 inches	4.75 mm 0.187 inches	4.78 mm 0.188 inches	1.25 kg	20.716 mm	14.33 mm/turn
T0394-00H	10.00 mm 0.394 inches	5.00 mm 0.197 inches	5.00 mm 0.197 inches	1.44 kg	21.788 mm	15.01 mm/turn
T0394-20H	10.00 mm 0.394 inches	5.00 mm 0.197 inches	4.00 mm 0.157 inches	1.15 kg	21.788 mm	12.99 mm/turn
T0395-10H	10.00 mm 0.394 inches	6.00 mm 0.236 inches	4.00 mm 0.157 inches	0.99 kg	24.007 mm	12.03 mm/turn
T0472-00H	12.00 mm 0.472 inches	6.00 mm 0.236 inches	4.00 mm 0.157 inches	1.65 kg	26.141 mm	13.99 mm/turn
T0500-00H	12.70 mm 0.500 inches	7.92 mm 0.312 inches	3.18 mm 0.125 inches	1.20 kg	31.216 mm	11.13 mm/turn
T0500-10H	12.70 mm 0.500 inches	7.92 mm 0.312 inches	6.35 mm 0.250 inches	2.40 kg	31.216 mm	17.48 mm/turn
T0500-40H	12.70 mm 0.500 inches	7.92 mm 0.312 inches	5.08 mm 0.200 inches	1.92 kg	31.216 mm	14.94 mm/turn
T0501-00H	12.70 mm 0.500 inches	7.14 mm 0.281 inches	4.78 mm 0.188 inches	2.02 kg	29.50 mm	15.11 mm/turn
T0501-10H	12.70 mm 0.500 inches	7.14 mm 0.281 inches	6.35 mm 0.250 inches	2.68 kg	29.500 mm	18.26 mm/turn
T0520-00H	13.21 mm 0.520 inches	7.37 mm 0.290 inches	3.96 mm 0.156 inches	1.82 kg	30.551 mm	13.77 mm/turn
T0520-20H	13.21 mm 0.520 inches	7.37 mm 0.290 inches	6.05 mm 0.238 inches	2.78 kg	30.551 mm	17.93 mm/turn
T0551-00H	14.00 mm 0.551 inches	9.00 mm 0.354 inches	5.00 mm 0.194 inches	2.20 kg	34.977 mm	15.00 mm/turn
T0625-00H	15.88 mm 0.625 inches	8.89 mm 0.350 inches	4.70 mm 0.185 inches	3.11 kg	36.804 mm	16.38 mm/turn
T0632-00H	16.00 mm 0.630 inches	9.00 mm 0.354 inches	5.00 mm 0.197 inches	3.35 kg	37.167 mm	17.01 mm/turn
T0634-00H	16.00 mm 0.630 inches	12.00 mm 0.472 inches	8.00 mm 0.315 inches	3.43 kg	43.363 mm	20.00 mm/turn

T0711-00H	18.00 mm 0.709 inches	10.00 mm 0.394 inches	7.00 mm 0.276 inches	6.01 kg	41.574 mm	22.00 mm/turn
T0787-10H	20.00 mm 0.787 inches	10.00 mm 0.197 inches	10.00 mm 0.197 inches	11.49 kg	43.560 mm	30.00 mm/turn
T0866-00H	22.00 mm 0.866 inches	14.00 mm 0.551 inches	6.50 mm 0.256 inches	7.17 kg	54.654 mm	21.01 mm/turn
T0866-10H	22.00 mm 0.866 inches	14.00 mm 0.551 inches	8.00 mm 0.315 inches	8.83 kg	54.654 mm	24.00 mm/turn
T0870-10H	22.10 mm 0.870 inches	13.72 mm 0.540 inches	12.70 mm 0.500 inches	14.60 kg	54.179 mm	33.78 mm/turn
T0984-00H	25.00 mm 0.984 inches	15.00 mm 0.591 inches	13.00 mm 0.512 inches	19.93 kg	60.184 mm	36.01 mm/turn
T1142-00H	29.00 mm 1.142 inches	19.00 mm 0.748 inches	7.49 mm 0.295 inches	13.78 kg	73.204 mm	24.99 mm/turn