

COILTRONICS® Inductors and Transformers



This product is RoHS compliant.

COLD CATHODE FLUORESCENT LAMP INVERTER TRANSFORMERS

Specifications:

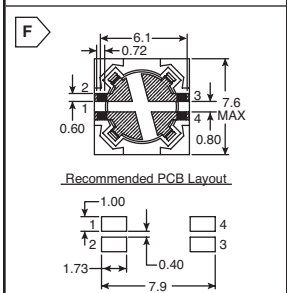
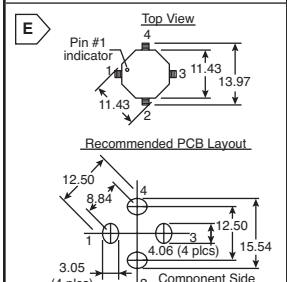
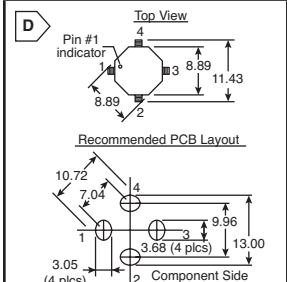
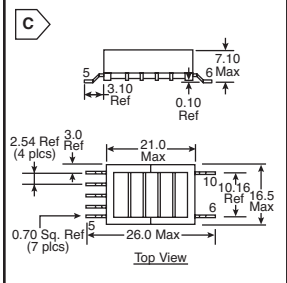
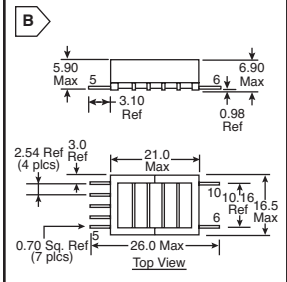
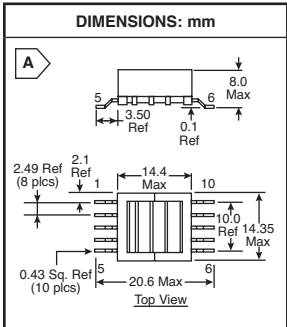
- Transformers for use in CCFL power supplies
- Supply output current up to 30 milli-Amps
- Frequency range from 40 to 80KHz
- Deliver output power from 2.5 to 6 Watts
- Ferrite core material
- Operating ambient temperature range: 0°C to +70°C



RoHS Compliant

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Coiltronics Part No. | Fig. | Pout (Watts) | Lp (µH) | DCRp Ω Max | DCRs Ω Max | TR Ns/Np | Vpri (VDC Max) | Vsec (VDC Max) | Is (A Max) | Price Each | | | |
|------------------|----------------------|------|--------------|---------|------------|------------|----------|----------------|----------------|------------|------------|------|------|------|
| | | | | | | | | | | | 1 | 10 | 25 | 50 |
| 704-CTX210659-R | CTX210659-R | A | 2.5 | 19 | 0.190 | 285 | 100 | 13 | 1340 | 0.005 | 7.90 | 7.13 | 6.74 | 6.22 |
| 704-CTX210655-R | CTX210655-R | A | 2.5 | 43 | 0.220 | 285 | 67 | 20 | 1340 | 0.005 | 7.90 | 7.11 | 6.46 | 5.37 |
| 704-CTX110607-R | CTX110607-R | B | 6.0 | 27 | 0.132 | 176 | 86 | 15 | 1340 | 0.011 | 8.40 | 7.56 | 6.80 | 6.00 |
| 704-CTX210607-R | CTX210607-R | C | 6.0 | 27 | 0.132 | 176 | 86 | 15 | 1340 | 0.011 | 8.40 | 7.56 | 6.80 | 6.00 |
| 704-CTX110605-R | CTX110605-R | B | 6.0 | 44 | 0.160 | 176 | 67 | 20 | 1340 | 0.011 | 8.40 | 7.56 | 6.80 | 6.00 |
| 704-CTX210603-R | CTX210603-R | C | 6.0 | 44 | 0.160 | 132 | 50 | 26 | 1340 | 0.011 | 8.40 | 7.56 | 6.80 | 6.00 |
| 704-CTX210605-R | CTX210605-R | C | 6.0 | 44 | 0.160 | 176 | 67 | 20 | 1340 | 0.011 | 8.40 | 7.56 | 6.80 | 6.00 |



POWER INDUCTORS AND TRANSFORMERS

Specifications:

- OCTA-PAC's are designed around high frequency, low loss ferrite core material
- ECONO-PAC's are a lower cost version of OCTA-PAC's offering high saturation flux density, Powder Iron core material
- OCTA-PAC PLUS's offer higher current ratings and higher saturation flux densities than OCTA-PAC and ECONO-PAC, Amorphous metal core material
- Secure 4 terminal mounting
- Inductor more versatile inductance combination by series or parallel connections
- Operating ambient temperature range: -40°C to +85°C



RoHS Compliant

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Coiltronics Part No. | Fig. | Parallel Ratings | | | | Series Ratings | | | | Price Each | | | |
|------------------|----------------------|------|------------------|-----------|-----------------------|-------------|-----------------|-----------|-----------------------|-------------|------------|------|------|------|
| | | | Inductance (µH) | | Full Load Current (A) | DCR (Ω) Max | Inductance (µH) | | Full Load Current (A) | DCR (Ω) Max | 1 | 50 | 100 | 500 |
| | | | Open Circuit | Full Load | | | Open Circuit | Full Load | | | | | | |
| 704-CTX10-1-R | CTX10-1-R | D | 10.0 | 4.85 | 1.90 | 0.440 | 40.0 | 0.95 | 0.176 | 4.90 | 3.42 | 3.12 | 2.24 | |
| 704-CTX20-1-R | CTX20-1-R | D | 19.6 | 11.54 | 1.00 | 0.146 | 78.4 | 0.50 | 0.583 | 4.90 | 3.42 | 3.12 | 2.24 | |
| 704-CTX5-2-R | CTX5-2-R | D | 4.70 | 2.66 | 3.0 | 0.021 | 18.80 | 1.50 | 0.084 | 5.36 | 3.97 | 3.51 | 2.42 | |
| 704-CTX10-2-R | CTX10-2-R | D | 10.58 | 5.18 | 2.5 | 0.031 | 42.30 | 1.25 | 0.125 | 5.71 | 4.23 | 3.74 | 3.13 | |
| 704-CTX33-2-R | CTX33-2-R | D | 31.77 | 15.90 | 1.4 | 0.105 | 127.09 | 0.70 | 0.420 | 5.71 | 4.23 | 3.74 | 3.13 | |
| 704-CTX100-2-R | CTX100-2-R | D | 99.45 | 57.45 | 0.62 | 0.457 | 397.81 | 0.32 | 1.828 | 5.71 | 4.23 | 3.74 | 3.13 | |
| 704-CTX33-3-R | CTX33-3-R | E | 32.86 | 19.69 | 0.96 | 0.083 | 131.42 | 0.48 | 0.331 | 6.77 | 4.31 | 3.81 | 3.20 | |
| 704-CTX5-4-R | CTX5-4-R | E | 4.90 | 2.59 | 4.4 | 0.014 | 19.60 | 10.37 | 2.2 | 0.056 | 5.50 | 4.24 | 3.61 | 2.51 |
| 704-CTX10-4-R | CTX10-4-R | E | 9.60 | 4.82 | 3.4 | 0.019 | 38.42 | 19.28 | 1.7 | 0.078 | 5.88 | 4.36 | 3.86 | 2.68 |
| 704-CTX15-4-R | CTX15-4-R | E | 14.16 | 6.76 | 3.0 | 0.024 | 56.64 | 27.03 | 1.5 | 0.096 | 5.88 | 4.36 | 3.86 | 2.68 |
| 704-CTX20-4-R | CTX20-4-R | E | 19.60 | 10.68 | 2.1 | 0.055 | 78.40 | 42.73 | 1.05 | 0.220 | 5.88 | 4.36 | 3.86 | 2.68 |
| 704-CTX50-4-R | CTX50-4-R | E | 50.18 | 25.03 | 1.5 | 0.111 | 200.7 | 100.11 | 0.75 | 0.443 | 5.68 | 4.95 | 3.84 | 2.40 |
| 704-CTX100-4-R | CTX100-4-R | E | 99.23 | 54.46 | 0.92 | 0.302 | 396.9 | 218.25 | 0.46 | 1.210 | 5.88 | 4.36 | 3.86 | 2.68 |
| 704-CTX150-4-R | CTX150-4-R | E | 148.23 | 77.17 | 0.82 | 0.372 | 592.9 | 308.69 | 0.41 | 1.488 | 5.88 | 4.36 | 3.86 | 2.68 |
| 704-CTX300-4-R | CTX300-4-R | E | 298.12 | 147.92 | 0.62 | 0.672 | 1192.46 | 591.66 | 0.31 | 2.687 | 5.88 | 4.36 | 3.86 | 2.68 |

ECONO-PAC®

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Coiltronics Part No. | Fig. | Parallel Ratings | | | | Series Ratings | | | | Price Each | | | |
|------------------|----------------------|------|------------------|-----------|----------------------|-------------|-----------------|-----------|----------------------|-------------|------------|------|------|------|
| | | | Inductance (µH) | | Full Load Current(A) | DCR (Ω) Max | Inductance (µH) | | Full Load Current(A) | DCR (Ω) Max | 1 | 50 | 100 | 500 |
| | | | Open Circuit | Full Load | | | Open Circuit | Full Load | | | | | | |
| 704-CTX10-1P-R | CTX10-1P-R | D | 9.62 | 6.23 | 1.70 | 0.057 | 38.48 | 24.94 | 0.85 | 0.227 | 3.41 | 2.43 | 2.15 | 1.96 |
| 704-CTX100-1P-R | CTX100-1P-R | D | 99.01 | 63.64 | 0.54 | 0.557 | 396.06 | 254.55 | 0.27 | 2.227 | 3.54 | 2.41 | 2.14 | 1.95 |
| 704-CTX10-2P-R | CTX10-2P-R | D | 9.83 | 6.73 | 2.1 | 0.045 | 39.30 | 26.92 | 1.05 | 0.179 | 3.54 | 2.58 | 2.35 | 1.90 |
| 704-CTX20-2P-R | CTX20-2P-R | D | 19.56 | 13.37 | 1.5 | 0.097 | 78.34 | 53.48 | 0.75 | 0.387 | 3.54 | 2.58 | 2.35 | 1.90 |
| 704-CTX33-2P-R | CTX33-2P-R | D | 32.67 | 21.29 | 1.3 | 0.126 | 130.7 | 85.17 | 0.65 | 0.503 | 3.54 | 2.57 | 2.34 | 2.13 |
| 704-CTX10-4P-R | CTX10-4P-R | E | 9.88 | 6.70 | 2.5 | 0.047 | 39.53 | 29.76 | 1.25 | 0.187 | 3.54 | 2.58 | 2.35 | 1.90 |
| 704-CTX50-4P-R | CTX50-4P-R | E | 48.80 | 32.21 | 1.2 | 0.201 | 195.2 | 128.83 | 0.60 | 0.805 | 3.54 | 2.57 | 2.34 | 2.13 |
| 704-CTX68-4P-R | CTX68-4P-R | E | 67.37 | 43.04 | 1.1 | 0.238 | 269.5 | 172.16 | 0.55 | 0.952 | 3.54 | 2.57 | 2.34 | 2.13 |

OCTA-PAC® PLUS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Coiltronics Part No. | Fig. | Parallel Ratings | | | | Series Ratings | | | | Price Each | | | |
|------------------|----------------------|------|-----------------------|------------------------------|---------------------|---------------------|------------------------------|---------------------|---------------------|------|------------|------|------|--|
| | | | Rated Inductance (µH) | Open Circuit Inductance (µH) | DCR (mΩ@20°C) (Max) | Volt/µSec (Typical) | Open Circuit Inductance (µH) | DCR (mΩ@20°C) (Max) | Volt/µSec (Typical) | 1 | 50 | 100 | 500 | |
| 704-CTX10-4A-R | CTX10-4A-R | E | 10 | 10.53 | 0.020 | 5.40 | 42.11 | 0.081 | 10.8 | 4.90 | 3.42 | 3.42 | 3.12 | |
| 704-CTX25-4A-R | CTX25-4A-R | E | 25 | 25.14 | 0.048 | 8.34 | 100.51 | 0.193 | 16.7 | 4.90 | 3.42 | 3.42 | 3.12 | |

OCTA-PAC® PLUS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Coiltronics Part No. | Fig. | Rated Inductance (µH) | Ratings | | | Price Each | | | |
|-------------------|----------------------|------|-----------------------|------------------------------|---------------------|---------------------|------------|------|------|------|
| | | | | Open Circuit Inductance (µH) | DCR (mΩ@20°C) (Max) | Volt/µSec (Typical) | 1 | 50 | 100 | 500 |
| 704-CTX02-18713-R | CTX02-18713-R | F | 11.9 | 0.0978 | 5.3 | 0.498 | 2.45 | 1.74 | 1.61 | 1.32 |
| 704-CTX02-18714-R | CTX02-18714-R | F | 11.9 | 0.0978 | 5.53 | 1.65 | 2.45 | 1.74 | 1.61 | 1.32 |