



ECONO-PAC™/OCTA-PAC® OCTA-PAC® PLUS Power Inductors and Transformers

Description

- Surface mount magnetics that can be used as single or coupled inductors or 1:1 transformers that provide isolation between two windings
- OCTA-PAC's are designed around high frequency, low loss 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

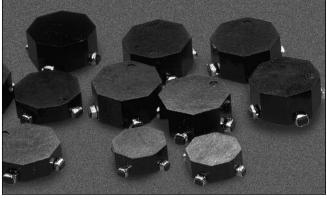
Applications

- Computer and portable power devices
- · LCD panels, DVD players
- Inductor: DC-DC converters
- · Buck, boost, forward, and resonant converters
- · Noise filtering and filter chokes
- Transformers: 1:1 300Vdc isolation, flyback, sepic

Environmental Data

- Storage temperature range: -40°C to +125°C
- Operating ambient temperature range: -40°C to +85°C (range is application specific).
- Solder reflow temperature: +260°C max. for 10 seconds max.





Packaging

 Supplied in tape and reel packaging, 1100 (EP01, OPA1, and OP01), 800 (EP02, OP02, OPA2, EP03, OPA3, and OP03), and 600 (EP04, OPA4, and OP04) per reel

Legend

Marking

CTX__ -_ (First three digits CTX; Second 2-3 digits = Inductance Value; Last 1-2 digits, product size & type)

Product Size (First)

Product Size/Type

- CTX___-1 (-1 = size; no suffix = OCTA-PAC®)
- CTX___-1P (-1 = size; P suffix = ECONO-PAC™)
- CTX -1A (-1 = size; A suffix = OCTA-PAC® PLUS)

		PARA	LLEL		SERIES						
Part Number	Open Circuit Inductance µH +/-20%	Full Load Inductance µH min.	Full Load Current Adc	DC Resistance ohms max.	Open Circuit Inductance µH +/-20%	Full Load Inductance µH min.	Full Load Current Adc	DC Resistance ohms max.			
CTX0.47-1P-R	.42	.31	5.50	.005	1.67	1.25	2.75	.021			
CTX0.68-1P-R	.60	.43	5.10	.006	2.40	1.74	2.55	.025			
CTX1-1P-R	1.07	.73	4.50	.008	4.28	2.92	2.25	.032			
CTX2-1P-R	2.02	1.36	3.40	.013	8.08	5.44	1.70	.054			
CTX5-1P-R	4.83	3.37	2.00	.040	19.31	13.47	1.00	.161			
CTX8-1P-R	8.08	5.31	1.80	.052	32.33	21.23	.90	.207			
CTX10-1P-R	9.62	6.23	1.70	.057	38.48	24.94	.85	.227			
CTX15-1P-R	15.03	9.62	1.40	.087	60.12	38.47	.70	.348			
CTX20-1P-R	20.46	14.12	1.00	.158	81.83	56.47	.50	.634			
CTX25-1P-R	25.40	17.07	.96	.177	101.60	68.29	.48	.708			
CTX33-1P-R	32.33	22.27	.80	.250	129.32	89.06	.40	1.001			
CTX50-1P-R	50.52	33.57	.70	.316	202.07	134.27	.35	1.263			
CTX68-1P-R	68.40	43.65	.66	.373	273.61	174.61	.33	1.490			
CTX100-1P-R	99.01	63.64	.54	.557	396.06	254.55	.27	2.227			
CTX150-1P-R	150.72	96.64	.44	.844	602.87	386.56	.22	3.376			
CTX200-1P-R	198.41	130.79	.36	1.208	793.65	523.16	.18	4.831			
CTX300-1P-R	299.87	190.05	.32	1.525	1199.46	760.19	.16	6.100			
CTX0.47-2P-R	.54	.42	5.90	.006	2.18	1.69	2.95	.024			
CTX0.68-2P-R	.85	.64	5.40	.007	3.40	2.55	2.70	.029			
CTX1-2P-R	1.22	.89	5.00	.008	4.90	3.57	2.50	.033			
CTX2-2P-R	2.18	1.56	3.90	.014	8.70	6.26	1.95	.055			
CTX5-2P-R	4.90	3.57	2.50	.032	19.58	14.26	1.25	.128			
CTX8-2P-R	7.65	5.31	2.30	.040	30.60	21.23	1.15	.158			
CTX10-2P-R	9.83	6.73	2.10	.045	39.30	26.92	1.05	.179			
CTX15-2P-R	14.99	10.51	1.60	.085	59.98	42.02	.80	.339			
CTX20-2P-R	19.58	13.37	1.50	.097	78.34	53.48	.75	.387			
CTX25-2P-R	24.79	16.60	1.40	.109	99.14	66.38	.70	.436			
CTX33-2P-R	32.67	21.29	1.30	.126	130.70	85.17	.65	.503			
CTX50-2P-R	49.10	35.31	.82	.305	196.38	141.24	.41	1.221			
CTX68-2P-R	68.85	47.93	.76	.362	275.40	191.71	.38	1.445			
CTX100-2P-R	99.14	69.56	.62	.541	396.58	278.22	.31	2.162			
CTX150-2P-R	148.10	100.07	.56	.665	592.42	400.27	.28	2.660			
CTX200-2P-R	201.59	138.49	.46	.951	806.34	553.97	.23	3.804			
CTX300-2P-R	300.42	197.52	.42	1.176	1201.70	790.08	.21	4.703			





ECONO-PACTM/OCTA-PAC[®] OCTA-PAC[®] PLUS Power Inductors and Transformers

Part			PARA	LLEL		SERIES						
CYX068-3P-R OZB CYX3-3P-R 1.85 1.24 1.85 1.24 1.80 1.90 1.85 1.24 1.80 1.80 1.24 1.80 1		Inductance	Inductance	Current	Resistance	Inductance	Inductance	Current	Resistance			
CTX1-3P-R 1.85 1.24 4.60 0.011 7.40 4.97 2.30 0.045 CTX5-3P-R 1.740 4.74 3.04 3.20 0.022 18.94 12.15 1.60 0.090 CTX1-3P-R 1.740 1.74												
CTX2-3P-R CTX3-3P-R CTX3-3P-R CTX-3P-R S.16 S.20 CTX-3-3P-R S.16 S.20 CTX-3-3P-R S.16 S.20 S.20 S.20 S.20 S.30 S.26 S.30 S.22 S.30 S.30 S.26 S.30 S.30 S.30 S.26 S.30 S.30 S.30 S.30 S.30 S.30 S.30 S.30												
CTX5-3-P.R 6.774 6.784 6.785 6.78												
CTX8-9-PR 8.16 4.90 2.80 0.90 32.63 19.60 1.40 1.19 1.17 1.10 1.19 1.11 1.10 1.19 1.11 1.10 1.19 1.11 1.10 1.19 1.11 1.10 1.19 1.11 1.10 1.19 1.11 1.10 1.19 1.11 1.10 1.11 1.10 1.11 1.10 1.19 1.11 1.10 1.11 1.10 1.11 1.10 1.11 1.10 1.11 1.10 1.11 1.10 1.11												
CTX16-3P-R												
CTX15-3P-R 14.50 8.50 2.20 0.50 55.02 34.01 1.10 1.98 1.40 1.10 1.98 1.40 1.10 1.98 1.40 1.10 1.98 1.40 1.10 1.98 1.40 1.10 1.98 1.40 1.10 1.10 1.98 1.40 1.10 1.10 1.98 1.40 1.10												
CTX29-3P-R 20.15 13.12 1.50 1.11 80.59 \$2.48 7.5 449 CTX23-3P-R \$2.63 20.32 1.30 1.46 130.54 81.30 6.5 5.71 6.50												
CTX39-3P-R	CTX20-3P-R	20.15		1.50				.75	.443			
CYX50-3P-R 50,02 33,06 92 277 200,10 132,24 46 1.108												
CTX68-3P-R 101.31 65.50 68 3.21 275.35 176.61 4.2 1.312 2.005 CTX150-3P-R 149.85 90.92 64 621 599.40 363.68 32 2.483 2.67X300-3P-R 298.99 172.12 50 9.26 1195.55 688.50 25 3.702 2.703.03-P 1.003.11 6.51 6.00 7.31 800.38 466.03 30 2.925 2.703.03-P 1.003.11 6.51 6.00 7.31 800.38 466.03 30 2.925 2.703.03-P 1.003.11 6.00 7.31 800.38 466.03 30 2.925 2.483 2.005 2.												
CTX109-3P-R 101.31 65.50 6.8 5.01 405.22 262.02 3.4 2.005 CTX150-3P-R 200.10 116.51 6.0 731 800.38 466.03 3.2 2.483 CTX200-3P-R 200.10 116.51 6.0 731 800.38 466.03 3.0 2.925 CTX0.03-3P-R 200.10 116.51 6.0 731 800.38 466.03 3.0 2.925 CTX0.04-4P-R 209.39 172.12 5.50 926 1193.55 688.50 25 3.702 CTX.04-4P-R 7.6 5.6 7.20 0.06 3.05 2.24 3.60 0.223 CTX1-4P-R 1.10 81 5.50 0.08 4.39 3.24 2.95 0.33 CTX1-4P-R 1.10 81 5.50 0.08 4.39 3.24 2.95 0.33 CTX3-4P-R 1.55 3.56 3.30 0.027 2.062 14.23 1.65 1.07 CTX0-4P-R 7.81 5.15 3.56 3.30 0.027 2.062 14.23 1.65 1.07 CTX0-4P-R 9.88 6.70 2.50 0.047 39.53 26.79 1.25 1.87 CTX15-4P-R 14.76 9.52 2.30 0.57 59.05 38.09 1.15 2.28 CTX2-4P-R 2.062 13.44 1.90 0.084 82.47 53.76 95 337 CTX2-4P-R 2.062 13.44 1.90 0.084 82.47 53.76 95 337 CTX2-4P-R 2.55 17.17 1.60 1.15 102.60 68.68 80 461 CTX3-3-4P-R 33.21 22.93 1.30 1.66 132.86 91.72 65 662 CTX5-4P-R 48.80 32.21 1.20 2.01 195.20 128.83 60 0.050 CTX8-4P-R 1.32 2.293 1.30 1.66 132.86 91.72 65 662 CTX5-4P-R 1.49 4.45 101.46 6.4 6.96 597.80 405.83 278.15 3.6 2.25 CTX20-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.81 5.36 2.25 CTX20-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.21 2.29 2.30 1.00 2.20 11.95 2.0 128.83 6.0 0.050 CTX8-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.22 1.27 4.011 CTX0-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.22 1.27 4.011 CTX0-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.22 1.27 4.011 CTX0-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.22 1.27 4.011 CTX0-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.22 1.27 4.011 CTX0-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.22 1.27 4.011 CTX0-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.22 1.27 4.011 CTX0-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.25 0.20 CTX150-4P-R 1.49 4.5 101.46 6.4 6.96 597.80 405.83 2.25 0.25 0.25 0.27 0.20 0.20 0.20 0.20 0.20 0.20 0.20												
CTX150-3P-R			-									
CTX200-9P-R												
CTX300-9P-R 288.39 172.12 50 .926 1193.55 688.50 .25 3.702 CTX0.64-P-R .49 .37 7.90 .005 1.95 1.49 3.60 .023 CTX1-4P-R 1.10 .81 5.90 .008 4.39 3.24 3.60 .023 CTX2-4P-R 1.195 1.42 4.60 .014 7.81 5.69 2.30 .055 CTX5-4P-R 5.15 3.50 .033 31.23 2.061 1.50 .131 CTX10-4P-R 9.88 6.70 2.50 .047 3.953 2.679 1.25 .187 CTX15-4P-R 1.4.76 9.52 2.30 .057 59.05 38.09 1.15 228 CTX20-4P-R 2.062 13.44 1.90 .084 8.247 53.76 .95 .337 CTX33-4P-R 2.565 17.17 1.60 .115 102.60 .868 .80 .461 CTX33-4P-R								.30				
CTX0.88-4P-R CTX1-4P-R 1.10 81 5.90 0.08 4.39 3.24 2.95 0.33 CTX2-4P-R 1.195 1.42 4.60 0.14 7.81 5.69 2.30 0.55 CTX2-4P-R 5.15 3.56 3.30 0.027 2.062 1.423 1.65 1.10 CTX8-4P-R 7.81 5.15 3.56 3.30 0.027 2.062 1.423 1.65 1.10 CTX8-4P-R 7.81 5.15 3.50 0.033 31.23 2.061 1.50 1.151 CTX16-4P-R 9.88 6.70 2.50 0.47 3.953 2.67.9 1.25 1.187 CTX15-4P-R 1.10 8.81 6.70 2.50 0.47 3.953 2.67.9 1.25 1.187 CTX15-4P-R 1.10 8.81 6.70 2.50 0.47 3.953 2.67.9 1.25 1.187 CTX15-4P-R 1.10 8.80 6.70 2.50 0.47 3.953 2.67.9 1.25 1.187 CTX15-4P-R 1.10 8.80 6.70 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.288 6.70 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.288 6.70 1.15 1.15 1.15 1.288 6.70 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.1												
CTX1-4-PR												
CTX2-4-PR												
CTX5-4-P-R												
CTX8-B-P.R 7.81 5.15 3.00 .033 31.23 20.61 1.50 .131 CTX16-AP.R 9.88 6.70 2.50 .047 39.53 26.79 1.25 .187 CTX16-AP.R 14.76 9.52 2.30 .047 39.53 26.79 1.25 .187 CTX20-AP.R 22.62 13.44 1.90 .084 82.47 53.76 .95 .337 CTX25-AP.R 25.65 17.17 1.60 .115 102.60 68.68 .80 .461 CTX34-AP.R 33.21 22.93 1.30 .166 132.86 91.72 .65 .662 CTX60-AP.R 48.80 32.21 1.20 .201 195.20 128.83 .60 .805 CTX100-AP.R 99.99 69.54 .72 .565 396.38 278.15 .36 .2259 CTX100-AP.R 19.94 10.146 .64 .696 597.80 .405.83 .32 .278 <th< td=""><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>												
CTX10-QP-R 9.88 6.70 2.50 .047 39.53 26.79 1.25 .187 CTX15-QP-R 14.76 9.52 2.30 .057 59.55 38.09 1.15 228 CTX20-QP-R 25.65 17.17 1.60 .115 102.60 68.68 .80 .461 CTX30-QP-R 33.21 22.293 1.30 .166 132.86 91.72 .65 .662 CTX60-QP-R 48.80 32.21 1.20 .201 195.20 128.83 .60 .805 CTX60-QP-R 48.80 32.21 1.20 .201 195.20 128.83 .60 .805 CTX100-4P-R 19.99 69.54 .72 .565 396.38 278.15 .36 2.259 CTX100-4P-R 19.49 th 501.146 .64 .696 597.80 .406.83 .32 2.784 CTX10-4P-R 19.89 th 20.01 131.37 .60 .810 .806 .809.83 .272.13												
CTX16-4P-R												
CTX25-AP-R 25.65 17.17 1.60 .115 102.60 68.68 .80 .461 CTX33-AP-R 33.21 22.93 1.30 .166 132.86 .80 .805 CTX50-AP-R 48.80 32.21 1.20 .201 195.20 128.83 .60 .805 CTX50-AP-R 49.90 99.54 .72 .565 .366 2.259 CTX100-AP-R 199.09 99.54 .72 .565 .396.83 .278.15 .36 2.259 CTX105-4P-R 199.09 99.54 .72 .565 .396.83 .287.815 .36 2.259 CTX104-7P-R 200.11 131.37 .60 .810 .800.44 .455.83 .32 2.784 CTX047-1-R .40 .26 5.50 .005 1.60 1.05 2.275 .020 CTX0.47-1-R .40 .26 5.50 .005 1.60 1.05 .20 .02 CTX0.47-1-R .40												
CTX33-4P-R 33.21 22.93 1.30 1.66 132.86 91.72 .65 .662 CTX69-4P-R 48.80 32.21 1.20 .201 195.20 128.83 .60 .805 CTX69-4P-R 67.37 43.04 1.10 .238 269.50 172.16 .55 .952 CTX100-4P-R 194.95 101.46 .64 .696 .597.80 .405.83 .32 2.784 CTX200-4P-R 190.11 131.37 .60 .810 .800.44 .525.47 .30 .3240 CTX300-4P-R 298.93 188.03 .54 1.003 .195.72 .752.13 .27 .4011 CTX0.47-1-R .40 .26 .550 .005 1.60 1.05 .2.75 .020 CTX1-1-R .90 .56 .420 .007 .360 .224 .210 .028 CTX2-1-R 2.03 1.00 4.10 .010 8.10 4.01 .205 .040 <th>CTX20-4P-R</th> <td>20.62</td> <td>13.44</td> <td></td> <td>.084</td> <td>82.47</td> <td>53.76</td> <td>.95</td> <td>.337</td>	CTX20-4P-R	20.62	13.44		.084	82.47	53.76	.95	.337			
CTX60-4P-R 48.80 32.21 1.20 201 195.20 128.83 60 .805 CTX100-4P-R 67.37 43.04 1.10 .238 269.50 172.16 .55 .952 CTX100-4P-R 99.09 69.54 .72 .565 396.38 278.15 .36 2.259 CTX105-4P-R 149.45 101.46 .64 .696 597.80 .405.83 .32 2.784 CTX200-4P-R 290.91 188.03 .54 1.003 119.572 752.13 .27 4.011 CTX0.47-1-R .40 .26 .550 .005 1.60 1.05 2.75 .020 CTX1-1-R .63 .41 4.50 .006 2.50 1.63 2.25 .024 CTX1-1-R .90 .56 4.20 .007 3.60 2.24 2.10 .028 CTX2-1-R 2.03 1.00 4.10 .010 8.10 4.01 2.05 .040												
CTX68-4P-R CTX100-4P-R 67.37 99.09 43.04 69.54 69.54 72 1.10 .565 .565 .5965 .5965 .597.80 295.15 .505 .597.80 172.16 .555 .396.30 .555 .2259 .278.15 .366 .2259 .278.15 .36 .2259 .278.46 .278.13 .32 .278.40 .277 .278.13 .277 .4011 .270.477-1R .40 .40 .40 .401 .401 .401 .401 .401 .40												
CTX100-4P-R 199.09 69.54 72 565 396.38 278.15 .36 2.259 CTX150-4P-R 149.45 101.46 .64 .696 597.80 405.83 .32 2.784 CTX200-4P-R 200.11 131.37 .60 .810 800.44 525.47 .30 3.240 CTX0.07-1-R .40 .26 .550 .005 1.60 1.05 2.75 .020 CTX0.68-1-R .63 .41 4.50 .006 2.50 1.63 2.25 .024 CTX1-1-R .90 .56 4.20 .007 3.60 2.24 2.10 .028 CTX2-1-R 2.03 1.00 4.10 .010 8.10 4.01 .205 .040 CTX5-1-R 4.90 2.66 2.30 .030 19.60 10.64 1.15 .122 CTX-1-R 8.10 4.08 2.00 .039 32.40 16.34 1.00 .157 CTX-												
CTX150-4P-R 149.45 101.46 64 696 597.80 405.83 32 2.784 CTX200-4P-R 200.11 131.37 .60 .810 800.44 525.47 .30 3.240 CTX300-4P-R 298.93 188.03 .54 1.003 1195.72 752.13 .27 4.011 CTX0.68-1-R .40 .26 5.50 .005 1.60 1.05 2.75 .020 CTX1-1-R .40 .26 5.50 .006 2.50 1.63 2.25 .024 CTX1-1-R .90 .56 4.20 .007 3.60 2.24 2.10 .028 CTX5-1-R 4.90 2.66 2.30 .030 19.60 10.64 1.15 .122 CTX410-1-R 10.00 4.85 1.90 .044 4.00 1.94 .95 .176 CTX10-1-R 10.00 4.85 1.90 .044 4.00 1.94 .95 .176 CTX								.55				
CTX200-4P-R 200.11 131.37 60 810 800.44 525.47 30 3.240 CTX300-4P-R 298.93 188.03 .54 1.003 1195.72 752.13 .27 4.011 CTX0.47-1-R .40 .26 5.50 .005 1.60 1.05 2.75 .020 CTX6.47-1-R .63 .41 4.50 .006 2.50 1.63 2.25 .024 CTX1-1-R .69 .56 4.20 .007 3.60 2.24 2.10 .028 CTX2-1-R 2.03 1.00 4.10 .010 8.10 4.01 2.05 .040 CTX8-1-R 8.10 4.08 2.00 .039 32.40 16.34 1.00 .157 CTX15-1-R 8.10 4.08 2.00 .039 32.40 16.34 1.00 .157 CTX15-1-R 14.40 8.74 1.10 .080 57.60 34.96 .55 .319 CTX25-1												
CTX300-4P-R 298.93 188.03 .54 1.003 1195.72 752.13 .27 4.011 CTX0.47-1-R .40 .26 5.50 .005 1.60 1.05 2.75 .020 CTX1-1-R .63 .41 4.50 .006 2.50 1.63 2.25 .024 CTX2-1-R .90 .56 4.20 .007 3.60 2.24 2.10 .028 CTX2-1-R 2.03 1.00 4.10 .010 8.10 4.01 2.05 .040 CTX5-1-R 4.90 2.66 2.30 .030 19.60 10.64 1.15 .122 CTX6-1-R 8.10 4.08 2.00 .039 32.40 16.34 1.00 .157 CTX10-1-R 10.00 4.85 1.90 .044 40.00 19.40 .95 .176 CTX15-1-R 14.00 8.74 1.10 .080 57.60 34.96 .55 .319 CTX20-1-R												
CTX0.68-1-R 63 41 4.50 .006 2.50 1.63 2.25 .024 CTX1-1-R .90 .56 4.20 .007 3.60 2.24 2.10 .028 CTX2-1-R 2.03 1.00 4.10 .010 8.10 4.01 2.05 .040 CTX5-1-R 4.90 2.66 2.30 .030 19.60 10.64 1.15 .122 CTX10-1-R 10.00 4.85 1.90 .044 40.00 19.40 .95 .176 CTX15-1-R 10.00 4.85 1.90 .044 40.00 19.40 .95 .176 CTX25-1-R 19.60 11.54 1.00 .146 78.40 46.15 .50 .583 CTX33-1-R 32.40 19.84 .72 .293 129.60 79.37 .36 1.171 CTX69-1-R 50.63 29.34 .64 .365 202.50 117.38 .32 1.461 CTX69-1-R	CTX300-4P-R	298.93	188.03	.54	1.003		752.13	.27				
CTX1-1-R .90 .56 4.20 .007 3.60 2.24 2.10 .028 CTX2-1-R 2.03 1.00 4.10 .010 8.10 4.01 2.05 .040 CTX5-1-R 4.90 2.66 2.30 .030 19.60 10.64 1.15 .122 CTX1-R 8.10 4.08 2.00 .039 32.40 16.34 1.00 .157 CTX15-1-R 10.00 4.85 1.90 .044 40.00 19.40 .95 .176 CTX15-1-R 19.60 11.54 1.00 .146 78.40 46.15 .50 .583 CTX25-1-R 25.60 16.35 .74 .167 102.40 65.42 .37 .668 CTX33-1-R 32.40 19.84 .72 .293 .129.60 .79.37 .36 1.171 CTX50-1-R 50.63 29.34 .64 .365 .20.50 .117.38 .32 1.461 CTX68-1-R												
CTX2-1-R 2.03 1.00 4.10 .010 8.10 4.01 2.05 .040 CTX5-1-R 4.90 2.66 2.30 .030 19.60 10.64 1.15 .122 CTX8-1-R 8.10 4.08 2.00 .039 32.40 16.34 1.00 .157 CTX10-1-R 10.00 4.85 1.90 .044 40.00 19.40 .95 .176 CTX15-1-R 14.40 8.74 1.10 .080 57.60 34.96 .55 .319 CTX20-1-R 19.60 11.54 1.00 .146 78.40 46.15 .50 .583 CTX25-1-R 25.60 16.35 .74 .167 102.40 65.42 .37 .668 CTX33-1-R 32.40 19.84 .72 .293 129.60 79.37 .36 1.171 CTX60-1-R 50.63 29.34 .64 .365 .202.50 117.38 .32 .27 2.064												
CTX8-1-R 4.90 2.66 2.30 .030 19.60 10.64 1.15 .122 CTX8-1-R 8.10 4.08 2.00 .039 32.40 16.34 1.00 .157 CTX10-1-R 10.00 4.85 1.90 .044 40.00 19.40 .95 .176 CTX15-1-R 14.40 8.74 1.10 .080 57.60 34.96 .55 .319 CTX20-1-R 19.60 11.54 1.00 .146 78.40 46.15 .50 .583 CTX25-1-R 25.60 16.35 .74 .167 102.40 65.42 .37 .668 CTX33-1-R 32.40 19.84 .72 .293 129.60 79.37 .36 1.171 CTX50-1-R 50.63 29.34 .64 .365 202.50 117.38 .32 1.461 CTX68-1-R 67.60 39.73 .54 .516 270.40 158.92 .27 2.064 <th< td=""><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>												
CTX8-1-R 8.10 4.08 2.00 .039 32.40 16.34 1.00 .157 CTX10-1-R 10.00 4.85 1.90 .044 40.00 19.40 .95 .176 CTX15-1-R 14.40 8.74 1.10 .080 57.60 34.96 .55 .319 CTX20-1-R 19.60 11.54 1.00 .146 78.40 46.15 .50 .583 CTX25-1-R 25.60 16.35 .74 .167 102.40 65.42 .37 .668 CTX33-1-R 32.40 19.84 .72 .293 129.60 79.37 .36 1.171 CTX50-1-R 50.63 29.34 .64 .365 202.50 117.38 .32 1.461 CTX68-1-R 67.60 39.73 .54 .516 270.40 158.92 .27 2.064 CTX150-1-R 148.23 85.16 .38 .965 592.90 340.64 .19 3.861												
CTX10-1-R 10.00 4.85 1.90 .044 40.00 19.40 .95 .176 CTX15-1-R 14.40 8.74 1.10 .080 57.60 34.96 .55 .319 CTX20-1-R 19.60 11.54 1.00 .146 78.40 46.15 .50 .583 CTX25-1-R 25.60 16.35 .74 .167 102.40 65.42 .37 .668 CTX33-1-R 32.40 19.84 .72 .293 129.60 79.37 .36 1.171 CTX50-1-R 50.63 29.34 .64 .365 202.50 117.38 .32 1.461 CTX68-1-R 67.60 39.73 .54 .516 270.40 158.92 .27 .2064 CTX100-1-R 99.23 58.72 .44 .784 .396.90 234.88 .22 3.137 CTX100-1-R 148.23 85.16 .38 .965 592.90 340.64 .19 3.861												
CTX20-1-R 19.60 11.54 1.00 .146 78.40 46.15 .50 .583 CTX25-1-R 25.60 16.35 .74 .167 102.40 65.42 .37 .668 CTX33-1-R 32.40 19.84 .72 .293 129.60 79.37 .36 1.171 CTX50-1-R 50.63 29.34 .64 .365 202.50 117.38 .32 1.461 CTX68-1-R 67.60 39.73 .54 .516 270.40 158.92 .27 2.064 CTX100-1-R 99.23 58.72 .44 .784 396.90 234.88 .22 3.137 CTX150-1-R 148.23 85.16 .38 .965 592.90 340.64 .19 3.861 CTX200-1-R 202.50 107.60 .37 1.142 810.00 430.39 .19 4.567 CTX300-1-R 302.50 191.38 .22 1.431 1210.00 765.54 .11 5.724												
CTX25-1-R 25.60 16.35 .74 .167 102.40 65.42 .37 .668 CTX33-1-R 32.40 19.84 .72 .293 129.60 79.37 .36 1.171 CTX50-1-R 50.63 29.34 .64 .365 202.50 117.38 .32 1.461 CTX68-1-R 67.60 39.73 .54 .516 270.40 158.92 .27 2.064 CTX100-1-R 99.23 58.72 .44 .784 396.90 234.88 .22 3.137 CTX150-1-R 148.23 85.16 .38 .965 592.90 340.64 .19 3.861 CTX200-1-R 202.50 107.60 .37 1.142 810.00 430.39 .19 4.567 CTX300-1-R 202.50 107.60 .37 1.142 810.00 430.39 .19 4.567 CTX300-1-R .022.50 .00 .37 1.142 810.00 430.39 .19 4.567		14.40				57.60						
CTX33-1-R 32.40 19.84 .72 .293 129.60 79.37 .36 1.171 CTX50-1-R 50.63 29.34 .64 .365 202.50 117.38 .32 1.461 CTX68-1-R 67.60 39.73 .54 .516 270.40 158.92 .27 2.046 CTX100-1-R 99.23 58.72 .44 .784 396.90 234.88 .22 .3137 CTX150-1-R 148.23 85.16 .38 .965 592.90 340.64 .19 3.861 CTX200-1-R 202.50 107.60 .37 1.142 810.00 430.39 .19 4.567 CTX300-1-R 302.50 191.38 .22 1.431 1210.00 765.54 .11 5.724 CTX0.47-2-R .42 .29 6.50 .005 1.69 1.17 3.25 .019 CTX1-2-R .42 .29 6.50 .006 3.01 1.98 2.75 .024								2.2				
CTX50-1-R 50.63 29.34 .64 .365 202.50 117.38 .32 1.461 CTX68-1-R 67.60 39.73 .54 .516 270.40 158.92 .27 2.064 CTX100-1-R 99.23 58.72 .44 .784 396.90 234.88 .22 3.137 CTX150-1-R 148.23 85.16 .38 .965 592.90 340.64 .19 3.861 CTX200-1-R 202.50 107.60 .37 1.142 810.00 430.39 .19 4.567 CTX300-1-R 302.50 191.38 .22 1.431 1210.00 765.54 .11 5.724 CTX0.47-2-R .42 .29 6.50 .005 1.69 1.17 3.25 .019 CTX1-2-R .42 .29 6.50 .006 3.01 1.98 2.75 .024 CTX1-2-R 1.18 .76 4.60 .007 4.70 3.04 2.30 .028												
CTX68-1-R 67.60 39.73 .54 .516 270.40 158.92 .27 2.064 CTX100-1-R 99.23 58.72 .44 .784 396.90 234.88 .22 3.137 CTX150-1-R 148.23 85.16 .38 .965 592.90 340.64 .19 3.861 CTX200-1-R 202.50 107.60 .37 1.142 810.00 430.39 .19 4.567 CTX300-1-R 302.50 191.38 .22 1.431 1210.00 765.54 .11 5.724 CTX0.47-2-R .42 .29 6.50 .005 1.69 1.17 3.25 .019 CTX0.68-2-R .75 .50 5.50 .006 3.01 1.98 2.75 .024 CTX1-2-R 1.18 .76 4.60 .007 4.70 3.04 2.30 .028 CTX5-2-R 4.70 2.66 3.00 .021 18.80 10.65 1.50 .084					.293		/9.3/ 117.20					
CTX100-1-R 99.23 58.72 .44 .784 396.90 234.88 .22 3.137 CTX150-1-R 148.23 85.16 .38 .965 592.90 340.64 .19 3.861 CTX200-1-R 202.50 107.60 .37 1.142 810.00 430.39 .19 4.567 CTX300-1-R 302.50 191.38 .22 1.431 1210.00 765.54 .11 5.724 CTX0.47-2-R .42 .29 6.50 .005 1.69 1.17 3.25 .019 CTX0.68-2-R .75 .50 5.50 .006 3.01 1.98 2.75 .024 CTX1-2-R 1.18 .76 4.60 .007 4.70 3.04 2.30 .028 CTX2-2-R 2.30 1.27 4.50 .010 9.21 5.07 2.25 .038 CTX5-2-R 4.70 2.66 3.00 .021 18.80 10.65 1.50 .084					.505 516		158 92	.32 27				
CTX150-1-R 148.23 85.16 .38 .965 592.90 340.64 .19 3.861 CTX200-1-R 202.50 107.60 .37 1.142 810.00 430.39 .19 4.567 CTX300-1-R 302.50 191.38 .22 1.431 1210.00 765.54 .11 5.724 CTX0.47-2-R .42 .29 6.50 .005 1.69 1.17 3.25 .019 CTX0.68-2-R .75 .50 5.50 .006 3.01 1.98 2.75 .024 CTX1-2-R 1.18 .76 4.60 .007 4.70 3.04 2.30 .028 CTX2-2-R 2.30 1.27 4.50 .010 9.21 5.07 2.25 .038 CTX5-2-R 4.70 2.66 3.00 .021 18.80 10.65 1.50 .084 CTX10-2-R 10.58 5.18 2.50 .031 42.30 20.72 1.25 .125 <t< td=""><th></th><td></td><td>58.72</td><td></td><td></td><td>396.90</td><td>234.88</td><td>.22</td><td></td></t<>			58.72			396.90	234.88	.22				
CTX200-1-R 202.50 107.60 .37 1.142 810.00 430.39 .19 4.567 CTX300-1-R 302.50 191.38 .22 1.431 1210.00 765.54 .11 5.724 CTX0.47-2-R .42 .29 6.50 .005 1.69 1.17 3.25 .019 CTX0.68-2-R .75 .50 5.50 .006 3.01 1.98 2.75 .024 CTX1-2-R 1.18 .76 4.60 .007 4.70 3.04 2.30 .028 CTX2-2-R 2.30 1.27 4.50 .010 9.21 5.07 2.25 .038 CTX5-2-R 4.70 2.66 3.00 .021 18.80 10.65 1.50 .084 CTX8-2-R 7.94 4.18 2.60 .027 31.77 16.72 1.30 .108 CTX10-2-R 10.58 5.18 2.50 .031 42.30 20.72 1.25 .125 CTX1		148.23	85.16				340.64		3.861			
CTX0.47-2-R .42 .29 6.50 .005 1.69 1.17 3.25 .019 CTX0.68-2-R .75 .50 5.50 .006 3.01 1.98 2.75 .024 CTX1-2-R 1.18 .76 4.60 .007 4.70 3.04 2.30 .028 CTX2-2-R 2.30 1.27 4.50 .010 9.21 5.07 2.25 .038 CTX5-2-R 4.70 2.66 3.00 .021 18.80 10.65 1.50 .084 CTX8-2-R 7.94 4.18 2.60 .027 31.77 16.72 1.30 .108 CTX10-2-R 10.58 5.18 2.50 .031 42.30 20.72 1.25 .125 CTX15-2-R 15.23 8.53 1.70 .059 60.91 34.10 .85 .236 CTX20-2-R 20.73 12.36 1.30 .107 82.91 49.46 .65 .426 CTX33-2-R	CTX200-1-R	202.50	107.60	.37	1.142	810.00	430.39	.19	4.567			
CTX0.68-2-R .75 .50 5.50 .006 3.01 1.98 2.75 .024 CTX1-2-R 1.18 .76 4.60 .007 4.70 3.04 2.30 .028 CTX2-2-R 2.30 1.27 4.50 .010 9.21 5.07 2.25 .038 CTX5-2-R 4.70 2.66 3.00 .021 18.80 10.65 1.50 .084 CTX8-2-R 7.94 4.18 2.60 .027 31.77 16.72 1.30 .108 CTX10-2-R 10.58 5.18 2.50 .031 42.30 20.72 1.25 .125 CTX15-2-R 15.23 8.53 1.70 .059 60.91 34.10 .85 .236 CTX20-2-R 20.73 12.36 1.30 .107 82.91 49.46 .65 .426 CTX33-2-R 31.77 15.90 1.40 .105 127.09 63.59 .70 .420 CTX50-2-R								.11				
CTX1-2-R 1.18 .76 4.60 .007 4.70 3.04 2.30 .028 CTX2-2-R 2.30 1.27 4.50 .010 9.21 5.07 2.25 .038 CTX5-2-R 4.70 2.66 3.00 .021 18.80 10.65 1.50 .084 CTX8-2-R 7.94 4.18 2.60 .027 31.77 16.72 1.30 .108 CTX10-2-R 10.58 5.18 2.50 .031 42.30 20.72 1.25 .125 CTX15-2-R 15.23 8.53 1.70 .059 60.91 34.10 .85 .236 CTX20-2-R 20.73 12.36 1.30 .107 82.91 49.46 .65 .426 CTX25-2-R 24.86 16.09 1.00 .117 99.45 64.35 .50 .466 CTX33-2-R 31.77 15.90 1.40 .105 127.09 63.59 .70 .420 CTX50-2-R </td <th></th> <td>.42</td> <td>.29</td> <td></td> <td></td> <td></td> <td>1.17</td> <td>3.25</td> <td></td>		.42	.29				1.17	3.25				
CTX2-2-R 2.30 1.27 4.50 .010 9.21 5.07 2.25 .038 CTX5-2-R 4.70 2.66 3.00 .021 18.80 10.65 1.50 .084 CTX8-2-R 7.94 4.18 2.60 .027 31.77 16.72 1.30 .108 CTX10-2-R 10.58 5.18 2.50 .031 42.30 20.72 1.25 .125 CTX15-2-R 15.23 8.53 1.70 .059 60.91 34.10 .85 .236 CTX20-2-R 20.73 12.36 1.30 .107 82.91 49.46 .65 .426 CTX25-2-R 24.86 16.09 1.00 .117 99.45 64.35 .50 .466 CTX33-2-R 31.77 15.90 1.40 .105 127.09 63.59 .70 .420 CTX50-2-R 51.18 28.79 .92 .210 204.73 115.16 .46 .839 CTX68									.024			
CTX5-2-R 4.70 2.66 3.00 .021 18.80 10.65 1.50 .084 CTX8-2-R 7.94 4.18 2.60 .027 31.77 16.72 1.30 .108 CTX10-2-R 10.58 5.18 2.50 .031 42.30 20.72 1.25 .125 CTX15-2-R 15.23 8.53 1.70 .059 60.91 34.10 .85 .236 CTX20-2-R 20.73 12.36 1.30 .107 82.91 49.46 .65 .426 CTX33-2-R 24.86 16.09 1.00 .117 99.45 64.35 .50 .466 CTX33-2-R 31.77 15.90 1.40 .105 127.09 63.59 .70 .420 CTX50-2-R 51.18 28.79 .92 .210 204.73 115.16 .46 .839 CTX68-2-R 67.87 38.71 .78 .303 271.47 154.83 .39 1.214		2.30	.70 1 27		.007	9.70	5.0 4 5.07	2.30	.020			
CTX8-2-R 7.94 4.18 2.60 .027 31.77 16.72 1.30 .108 CTX10-2-R 10.58 5.18 2.50 .031 42.30 20.72 1.25 .125 CTX15-2-R 15.23 8.53 1.70 .059 60.91 34.10 .85 .236 CTX20-2-R 20.73 12.36 1.30 .107 82.91 49.46 .65 .426 CTX25-2-R 24.86 16.09 1.00 .117 99.45 64.35 .50 .466 CTX33-2-R 31.77 15.90 1.40 .105 127.09 63.59 .70 .420 CTX50-2-R 51.18 28.79 .92 .210 204.73 115.16 .46 .839 CTX68-2-R 67.87 38.71 .78 .303 271.47 154.83 .39 1.214					.021	18.80	10.65	1.50				
CTX10-2-R 10.58 5.18 2.50 .031 42.30 20.72 1.25 .125 CTX15-2-R 15.23 8.53 1.70 .059 60.91 34.10 .85 .236 CTX20-2-R 20.73 12.36 1.30 .107 82.91 49.46 .65 .426 CTX25-2-R 24.86 16.09 1.00 .117 99.45 64.35 .50 .466 CTX33-2-R 31.77 15.90 1.40 .105 127.09 63.59 .70 .420 CTX50-2-R 51.18 28.79 .92 .210 204.73 115.16 .46 .839 CTX68-2-R 67.87 38.71 .78 .303 271.47 154.83 .39 1.214					.027	31.77		1.30	.108			
CTX20-2-R 20.73 12.36 1.30 .107 82.91 49.46 .65 .426 CTX25-2-R 24.86 16.09 1.00 .117 99.45 64.35 .50 .466 CTX33-2-R 31.77 15.90 1.40 .105 127.09 63.59 .70 .420 CTX50-2-R 51.18 28.79 .92 .210 204.73 115.16 .46 .839 CTX68-2-R 67.87 38.71 .78 .303 271.47 154.83 .39 1.214	CTX10-2-R	10.58	5.18	2.50	.031	42.30	20.72	1.25	.125			
CTX25-2-R 24.86 16.09 1.00 .117 99.45 64.35 .50 .466 CTX33-2-R 31.77 15.90 1.40 .105 127.09 63.59 .70 .420 CTX50-2-R 51.18 28.79 .92 .210 204.73 115.16 .46 .839 CTX68-2-R 67.87 38.71 .78 .303 271.47 154.83 .39 1.214												
CTX33-2-R 31.77 15.90 1.40 .105 127.09 63.59 .70 .420 CTX50-2-R 51.18 28.79 .92 .210 204.73 115.16 .46 .839 CTX68-2-R 67.87 38.71 .78 .303 271.47 154.83 .39 1.214					.107	82.91						
CTX50-2-R 51.18 28.79 .92 .210 204.73 115.16 .46 .839 CTX68-2-R 67.87 38.71 .78 .303 271.47 154.83 .39 1.214												
CTX68-2-R 67.87 38.71 .78 .303 271.47 154.83 .39 1.214					.105 210				.420 830			
CTY100-2-B 00.45 57.45 63 457 207.01 200.70 20 1.217												
יני. לא.לט בעל 1.020 בעל האיני לא.לט ל	CTX100-2-R	99.45	57.45	.63	.457	397.81	229.79	.32	1.828			





ECONO-PACTM/OCTA-PAC[®] OCTA-PAC[®] PLUS Power Inductors and Transformers

		PARA	ALLEL		SERIES						
Part Number	Open Circuit Inductance µH +/-20%	Full Load Inductance µH min.	Full Load Current Adc	DC Resistance ohms max.	Open Circuit Inductance µH +/-20%	Full Load Inductance µH min.	Full Load Current Adc	DC Resistance ohms max.			
CTX150-2-R	147.39	93.46	.43	.560	589.57	373.84	.22	2.241			
CTX200-2-R	198.58	122.94	.39	.796	794.30	491.76	.20	3.184			
CTX300-2-R	300.80	169.06	.38	1.231	1203.20	676.24	.19	4.929			
CTX0.47-3-R	.38	.27	6.00	.005	1.54	1.08	3.00	.020			
CTX0.68-3-R	.60	.42	5.00	.006	2.40	1.67	2.50	.024			
CTX1-3-R	.86	.57	4.80	.007	3.46	2.28	2.40	.028			
CTX2-3-R	1.94	1.05	4.70	.010	7.78	4.22	2.35	.040			
CTX5-3-R	4.70	2.56	3.00	.019	18.82	10.26	1.50	.077			
CTX8-3-R	7.78	3.74	2.80	.025	31.10	14.98	1.40	.099			
CTX10-3-R	9.60	4.38	2.70	.028	38.40	17.54	1.35	.111			
CTX15-3-R	15.00	7.26	2.00	.043	60.00	29.06	1.00	.172			
CTX20-3-R	20.18	10.76	1.50	.078	80.74	43.04	.75	.312			
CTX25-3-R	24.58	15.64	.98	.086	98.30	62.56	.49	.346			
CTX33-3-R	32.86	19.69	.96	.083	131.42	78.77	.48	.331			
CTX50-3-R	50.78	27.18	.94	.239	203.14	108.71	.47	.956			
CTX68-3-R	67.42	36.53	.80	.277	269.66	146.11	.40	1.109			
CTX100-3-R	101.40	52.48	.70	.345	405.60	209.93	.35	1.381			
CTX150-3-R	149.78	97.16	.38	.430	599.14	388.63	.19	1.718			
CTX200-3-R	198.74	119.18	.39	.619	794.98	476.71	.20	2.475			
CTX300-3-R	301.06	157.44	.40	.951	1204.22	629.75	.20	3.083			
CTX0.47-4-R	.44	.32	7.00	.004	1.76	1.29	3.50	.016			
CTX0.68-4-R	.78	.55	6.00	.005	3.14	2.21	3.00	.020			
CTX1-4-R	1.23	.85	5.00	.006	4.90	3.41	2.50	.024			
CTX2-4-R	1.76	1.06	4.90	.007	7.06	4.24	2.45	.028			
CTX5-4-R	4.90	2.59	4.40	.014	19.60	10.37	2.20	.056			
CTX8-4-R	8.28	4.29	3.50	.018	33.12	17.14	1.75	.072			
CTX10-4-R	9.60	4.82	3.40	.019	38.42	19.28	1.70	.078			
CTX15-4-R	14.16	6.76	3.00	.024	56.64	27.03	1.50	.096			
CTX20-4-R	19.60	10.68	2.10	.055	78.40	42.73	1.05	.220			
CTX25-4-R	25.92	13.32	2.00	.063	103.68	53.27	1.00	.253			
CTX33-4-R	33.12	16.82	1.80	.072	132.50	67.27	.90	.287			
CTX50-4-R	50.18	25.03	1.50	.111	200.70	100.11	.75	.443			
CTX68-4-R	67.08	35.29	1.20	.157	268.32	141.15	.60	.630			
CTX100-4-R	99.23	54.56	.92	.302	396.90	218.25	.46	1.210			
CTX150-4-R	148.23	77.17	.82	.372	592.90	308.69	.41	1.488			
CTX200-4-R	200.70	111.08	.64	.545	802.82	444.32	.32	2.180			
CTX300-4-R	298.12	147.92	.62	.672	1192.46	591.66	.31	2.687			





ECONO-PACTM/OCTA-PAC® **OCTA-PAC® PLUS Power Inductors and Transformers**

			P	arallel Ratin]\$	Series Ratings					
Part Number	Rated Inductance (µH)	OCL (1) nominal +/-25% (µH)	I sat. (2) Amperes Peak	I rms. (3) Amperes	DCR Ω (4) max. @ 20°C.	Volt (7) µ-Sec	OCL (1) nominal +/-25% (µH)	I sat. (2) Amperes Peak	I rms. (3) Amperes	DCR Ω (4) max. @ 20°C.	Volt (7) µ-Sec
CTX0.33-1A-R	0.33	0.402	12.5	10.0	0.0037	.93	1.61	6.25	4.98	0.015	1.86
CTX0.68-1A-R	0.68	0.752	9.4	9.0	0.0046	1.24	3.01	4.69	4.48	0.0185	2.49
CTX1-1A-R	1.0	1.18	7.5	7.26	0.0070	1.55	4.70	3.75	3.63	0.0282	3.11
CTX2-1A-R	2.0	2.30	5.36	5.64	0.012	2.17	9.21	2.68	2.82	0.0470	4.35
CTX5-1A-R	5.0	4.70	3.75	4.27	0.020	3.11	18.8	1.88	2.13	0.082	6.21
CTX8-1A-R	8.0	7.94	2.88	3.37	0.033	4.04	31.77	1.44	1.69	0.130	8.08
CTX10-1A-R	10.0	10.58	2.5	2.84	0.046	4.66	42.30	1.25	1.42	0.183	9.32
CTX15-1A-R	15.0	15.23	2.08	2.07	0.087	5.59	60.91	1.04	1.03	0.348	11.2
CTX20-1A-R	20.0	20.73	1.79	1.71	0.127	6.52	82.91	0.89	0.86	0.507	13.0
CTX25-1A-R	25.0	24.86	1.63	1.46	0.173	7.14	99.45	0.82	0.73	0.693	14.3
CTX33-1A-R	33.0	34.26	1.39	1.22	0.249	8.39	137.1	0.69	0.61	0.995	16.8
CTX50-1A-R	50.0	51.18	1.14	0.99	0.381	10.3	204.7	0.57	0.49	1.524	20.5
CTX68-1A-R	68.0	67.87	0.99	0.92	0.437	11.8	271.5	0.49	0.46	1.749	23.6
CTX100-1A-R	100.0	99.45	0.82	0.74	0.686	14.3	397.8	0.43	0.40	2.745	28.6
CTX150-1A-R	150.0	147.4	0.67	0.67	0.832	17.4	589.6	0.33	0.33	3.329	34.8
CTX200-1A-R	200.0	198.6	0.58	0.62	0.963	20.2	794.3	0.29	0.31	3.854	40.4
CTX300-1A-R	300.0	300.8	0.47	0.56	1.181	24.9	1203	0.23	0.28	4.726	49.7
CTX0.33-2A-R	0.33	0.284	18.8	10.9	0.0033	.85	1.14	9.38	5.47	0.0132	1.71
CTX0.68-2A-R	0.68	0.204	12.5	9.4	0.0035	1.28	2.70	6.25	4.68	0.0180	2.56
CTX1-2A-R	1.0	1.26	9.38	8.22	0.0043	1.71	5.06	4.69	4.00	0.0180	3.42
CTX2-2A-R	2.0	1.98	7.50	6.74	0.0038	2.14	7.90	3.75	3.37	0.0255	4.27
CTX5-2A-R	5.0	5.06	4.69	4.34	0.0090	3.42	20.22	2.34	2.17	0.033	6.84
CTX8-2A-R	8.0	7.90	3.75	3.50	0.021	4.27	31.60	1.88	1.75	0.064	8.55
CTX10-2A-R		11.38	3.13	2.89	0.032	5.13	45.50	1.56	1.75	0.129	
CTX15-2A-R	10.0 15.0		2.68	2.69	0.047	5.13	61.94		1.45	0.100	10.3
		15.48		1				1.34	1.35		12.0
CTX20-2A-R	20.0	20.22	2.34	2.24	0.078	6.84	80.90	1.17		0.313	13.7
CTX25-2A-R	25.0	25.60	2.08	1.89	0.111	7.69	102.38	1.04	0.94	0.443	15.4
CTX33-2A-R	33.0	34.84	1.79	1.56	0.162	8.97	139.4	0.89	0.78	0.649	17.9
CTX50-2A-R	50.0	49.38	1.50	1.28	0.240	10.7	197.5	0.75	0.64	0.961	21.4
CTX68-2A-R	68.0	66.44	1.29	1.07	0.342	12.4	265.8	0.65	0.54	1.367	24.8
CTX100-2A-R	100.0	102.38	1.04	0.75	0.695	15.4	409.5	0.52	0.38	2.778	30.8
CTX150-2A-R	150.0	152.9	0.85	0.68	0.842	18.8	611.8	0.43	0.34	3.366	37.6
CTX200-2A-R	200.0	197.5	0.75	0.64	0.950	21.4	790.0	0.38	0.32	3.800	42.7
CTX300-2A-R	300.0	303.7	0.60	0.58	1.174	26.5	1215	0.30	0.29	4.697	53.0
CTX0.33-3A-R	0.33	0.368	15.0	11.4	0.0032	0.97	1.47	7.50	5.72	0.0128	1.93
CTX0.68-3A-R	0.68	0.688	11.3	9.3	0.0048	1.29	2.75	5.63	4.64	0.0194	2.58
CTX1-3A-R	1.0	1.08	9.0	8.38	0.0059	1.61	4.20	4.50	4.19	0.0238	3.22
CTX2-3A-R	2.0	2.11	6.43	7.26	0.0079	2.26	8.43	3.21	3.63	0.0317	4.51
CTX5-3A-R	5.0	5.20	4.09	5.24	0.015	3.54	20.81	2.05	2.62	0.061	7.09
CTX8-3A-R	8.0	8.43	3.21	4.23	0.023	4.51	33.77	1.61	2.12	0.093	9.02
CTX10-3A-R	10.0	9.68	3.00	3.64	0.032	4.83	38.70	1.50	1.82	0.126	9.67
CTX15-3A-R	15.0	15.52	2.37	3.25	0.039	6.12	62.09	1.18	1.63	0.158	12.2
CTX20-3A-R	20.0	20.81	2.05	2.43	0.071	7.09	83.25	1.02	1.22	0.282	14.2
CTX25-3A-R	25.0	24.77	1.88	2.34	0.076	7.73	99.07	0.94	1.17	0.306	15.5
CTX33-3A-R	33.0	33.71	1.61	1.93	0.112	9.02	134.8	0.80	0.96	0.449	18.0
CTX50-3A-R	50.0	49.71	1.32	1.56	0.171	11.0	198.8	0.66	0.78	0.686	21.9

Open Circuit Inductance Test Parameters: 100kHz, 0.250 Vrms, 0.0 Adc Parallel: (1,4 - 3,2) Series: (1 - 3) tie (2 - 4)
 Peak current for approximately 30% roll-off
 RMS current, delta temp. of 40° C ambient temperature of 85° C
 DCR @ 20°C

⁵⁾ Hipot rating: winding to winding: 300Vdc min.
6) Turns Ratio: (1-2):(4-3) 1:1
7) Applied volt-time product (v-us) across the inductor. This value represents the applied V-us at 300KHz necessary to generate a core loss equal to 10% of the total losses for a 40°C temperature rise.





ECONO-PACTM/OCTA-PAC® **OCTA-PAC® PLUS Power Inductors and Transformers**

			Р	arallel Rating	js	Series Ratings					
Part Number	Rated Inductance (µH)	OCL (1) nominal +/-25% (µH)	I sat. (2) Amperes Peak	I rms. (3) Amperes	DCR Ω (4) max. @ 20°C.	Volt (7) µ-Sec	OCL (1) nominal +/-25% (µH)	I sat. (2) Amperes Peak	I rms. (3) Amperes	DCR Ω (4) max. @ 20°C.	Volt (7) µ-Sec
CTX68-3A-R	68.0	68.80	1.13	1.28	0.253	12.9	275.2	0.56	0.64	1.013	25.8
CTX100-3A-R	100.0	99.07	0.94	1.05	0.379	15.5	396.3	0.47	0.53	1.514	30.9
CTX150-3A-R	150.0	149.7	0.76	0.86	0.571	19.0	598.7	0.38	0.43	2.283	38.0
CTX200-3A-R	200.0	198.8	0.66	0.71	0.829	21.9	795.3	0.33	0.35	3.315	43.8
CTX300-3A-R	300.0	296.2	0.54	0.56	1.309	26.7	1185	0.27	0.28	5.236	53.5
CTX0.33-4A-R	0.33	0.313	22.5	12.2	0.0030	0.98	1.25	11.25	6.09	0.0119	1.96
CTX0.68-4A-R	0.68	0.744	15.0	10.6	0.0040	1.47	2.98	7.50	5.28	0.0158	2.94
CTX1-4A-R	1.0	1.39	11.25	9.23	0.0052	1.96	5.57	5.63	4.62	0.0207	3.93
CTX2-4A-R	2.0	2.18	9.00	8.38	0.0063	2.45	8.70	4.50	4.19	0.0251	4.91
CTX5-4A-R	5.0	4.26	6.43	7.21	0.0085	3.44	17.05	3.21	3.61	0.0339	6.87
CTX8-4A-R	8.0	8.70	4.50	5.49	0.015	4.91	34.80	2.25	2.74	0.059	9.81
CTX10-4A-R	10.0	10.53	4.09	4.67	0.020	5.40	42.11	2.05	2.33	0.081	10.8
CTX15-4A-R	15.0	14.70	3.46	3.87	0.029	6.38	58.81	1.73	1.94	0.117	12.8
CTX20-4A-R	20.0	19.58	3.00	3.62	0.034	7.36	78.30	1.50	1.81	0.135	14.7
CTX25-4A-R	25.0	25.14	2.65	3.02	0.048	8.34	100.51	1.32	1.51	0.193	16.7
CTX33-4A-R	33.0	34.80	2.25	2.49	0.071	9.81	139.2	1.13	1.25	0.283	19.6
CTX50-4A-R	50.0	50.11	1.88	2.05	0.104	11.8	200.4	0.94	1.03	0.418	23.6
CTX68-4A-R	68.0	68.21	1.61	1.70	0.153	13.7	272.8	0.80	0.85	0.612	27.5
CTX100-4A-R	100.0	100.57	1.32	1.37	0.235	16.7	402.3	0.66	0.69	0.939	33.4
CTX150-4A-R	150.0	153.5	1.07	1.10	0.365	20.6	613.9	0.54	0.55	1.462	41.2
CTX200-4A-R	200.0	200.4	0.94	0.92	0.521	23.6	801.8	0.47	0.46	2.085	47.1
CTX300-4A-R	300.0	302.8	0.76	0.75	0.787	29.0	1211	0.38	0.37	3.148	57.9

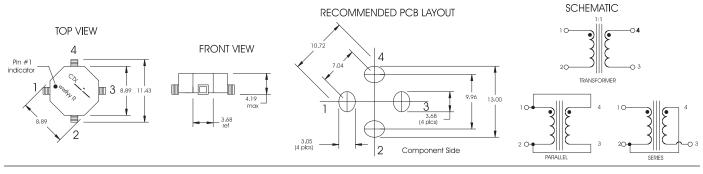
¹⁾ Open Circuit Inductance Test Parameters: 100kHz, 0.250 Vrms, 0.0 Adc Parallel: (1,4 - 3,2) Series: (1 - 3) tie (2 - 4)
2) Peak current for approximately 30% roll-off
3) RMS current, delta temp. of 40° C ambient temperature of 85° C
4) DCR @ 20°C

⁵⁾ Hipot rating: winding to winding: 300Vdc min.
6) Turns Ratio: (1-2):(4-3) 1:1
7) Applied volt-time product (v-us) across the inductor. This value represents the applied V-us at 300KHz necessary to generate a core loss equal to 10% of the total losses for a 40°C temperature rise.

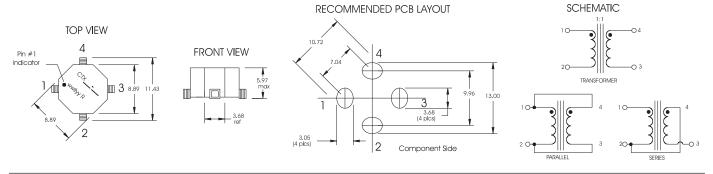


Mechanical Diagrams

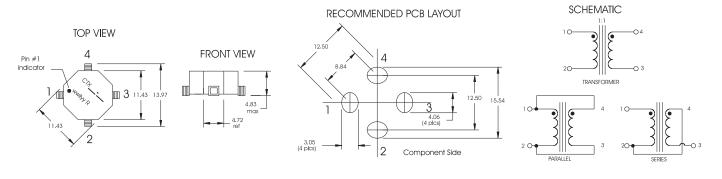
CTX 1, 1P, 1A Series



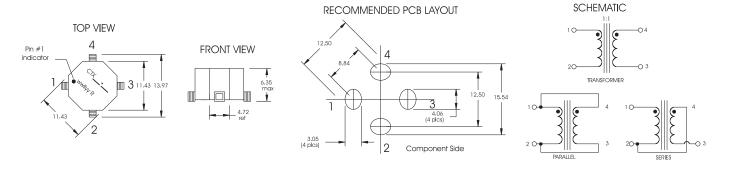
CTX 2, 2P, 2A Series



CTX 3, 3P, 3A Series



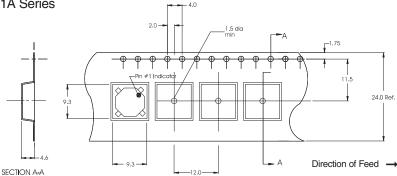
CTX 4, 4P, 4A Series





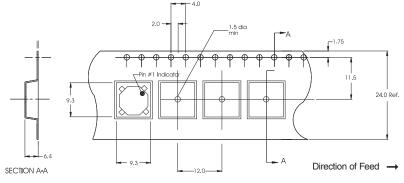
Packaging Information

CTX 1, 1P, 1A Series



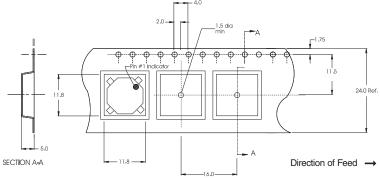
Parts packaged on 13" Diameter reel, 1,100 parts per reel.

CTX 2, 2P, 2A Series



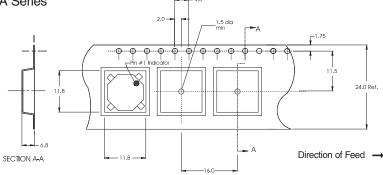
Parts packaged on 13" Diameter reel, 800 parts per reel.

CTX 3, 3P, 3A Series



Parts packaged on 13" Diameter reel, 800 parts per reel.

CTX 4, 4P, 4A Series



Parts packaged on 13" Diameter reel, 600 parts per reel.

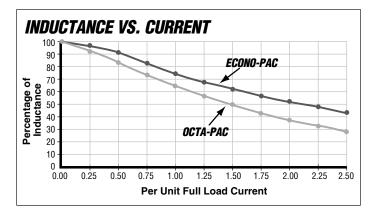


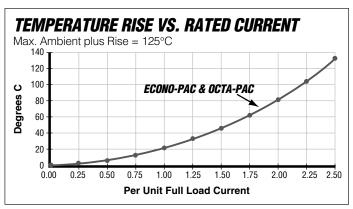


Power Inductors and Transformers



Performance Characteristics





Inductance vs. temperature ECONO-PAC +4 Percentage Change in Inductance +2 +0 -2 -4 OCTA-PAC -6 -8 -10 -12 -14 -35 -15 +25 +45 +65 +85 +105 Temperature in Degrees C.

• INDUCTANCE VS. CURRENT:

Inductance will fall off as DC Current is increased. (See Inductance vs. Current graph).

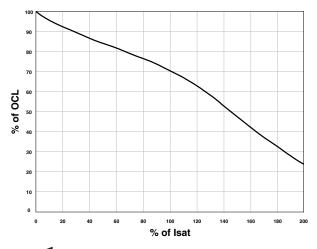
• FREQUENCY RESPONSE:

Wide-band frequency response to 1 megaHertz.

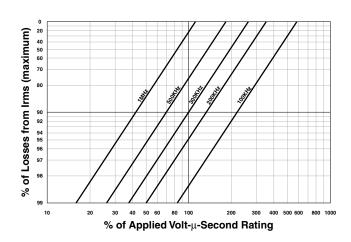
CURRENT LIMITATION

The maximum allowable currents are defined by the internal "hot-spot" temperatures which are limited to 130°C, including ambient.

OCTA-PAC® PLUS Typical Inductance vs. DC Current



OCTA-PAC® PLUS Winding Loss Derating with Core Loss





PM-4314 3/07

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© Cooper Electronic Technologies 2007 1225 Broken Sound Pkwy. Suite F Boca Raton, FL 33487 Tel: +1-561-998-4100 Toll Free: +1-888-414-2645 Fax: +1-561-241-6640

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