

BTC 线圈系列 BTC Coils

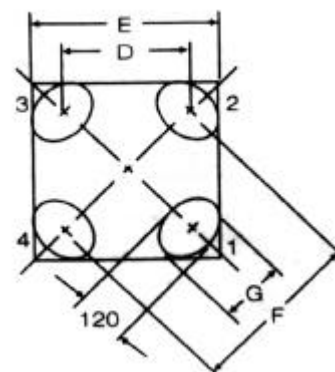
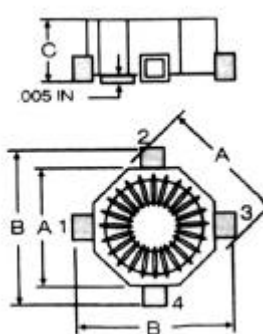
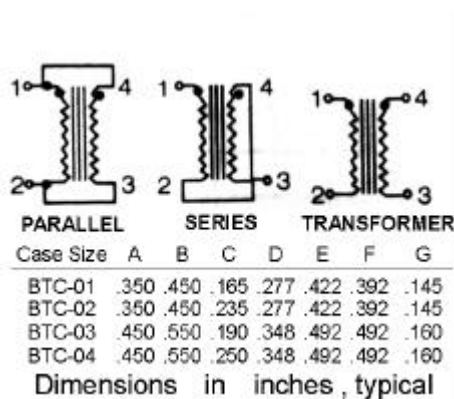


特征 FEATURES

- 高的应用频率
- 采用高饱和材料
- 低电磁干扰
- 低直流电阻
- Higher Frequency
- High Saturation Material
- Low EMI Radiation
- Low DC Resistance

应用 Application :

1. DC-DC 转换(平行模式) DC-DC Conversion (Paraller Mode)
2. 隔离/耦合(变压器模式) Isolation/Coupling (Transformer)
3. 输入滤波(连接模式) Input Filter (Serial Mode)
4. 抗 EMI/RFI EMI/RFI Suppression



电性能参数 Electrical Characteristics

Part No.	PARALLEL			SERIES		
	Inductance (μ H)	IDC (A)	DCR (Ω)	Inductance (μ H)	IDC (A)	DCR (Ω)
BTC-R47-01	0.42	5.50	0.006	1.67	2.75	0.022
BTC-R68-01	0.60	5.10	0.007	2.40	2.55	0.025
BTC-1R0-01	1.07	4.50	0.008	4.28	2.25	0.032
BTC-2R0-01	2.02	3.40	0.014	8.08	1.70	0.054
BTC-5R0-01	4.83	2.00	0.041	19.31	1.00	0.161
BTC-8R0-01	8.08	1.80	0.052	32.33	0.90	0.208
BTC-100-01	9.62	1.70	0.057	38.48	0.85	0.227
BTC-150-01	15.03	1.40	0.087	60.12	0.70	0.348
BTC-200-01	20.46	1.00	0.159	81.83	0.50	0.634
BTC-250-01	25.40	0.96	0.177	101.60	0.48	0.708
BTC-330-01	32.33	0.80	0.251	129.32	0.40	1.001
BTC-500-01	50.52	0.70	0.316	202.07	0.35	1.263
BTC-680-01	68.40	0.66	0.373	273.61	0.33	1.490
BTC-101-01	99.01	0.54	0.557	396.06	0.27	2.227
BTC-151-01	150.72	0.44	0.844	602.87	0.22	3.376
BTC-201-01	198.41	0.36	1.208	793.65	0.18	4.831
BTC-301-01	299.87	0.32	1.525	1199.46	0.16	6.100

Part No.	PARALLEL			SERIES		
	Inductance (μ H)	IDC (A)	DCR (Ω)	Inductance (μ H)	IDC (A)	DCR (Ω)
BTC-R47-02	0.54	5.90	0.006	2.18	2.95	0.024
BTC-R68-02	0.85	5.40	0.008	3.40	2.70	0.029
BTC-1R0-02	1.22	5.00	0.009	4.90	2.50	0.034
BTC-2R0-02	2.18	3.90	0.014	8.70	1.95	0.056
BTC-5R0-02	4.90	2.50	0.032	19.58	1.25	0.128
BTC-8R0-02	7.65	2.30	0.040	30.60	1.15	0.159
BTC-100-02	9.83	2.10	0.045	39.30	1.05	0.179
BTC-150-02	14.99	1.60	0.085	59.98	0.80	0.339
BTC-200-02	19.58	1.50	0.097	78.34	0.75	0.387
BTC-250-02	24.79	1.40	0.109	99.14	0.70	0.436
BTC-330-02	32.67	1.30	0.126	130.70	0.65	0.503
BTC-500-02	49.10	0.82	0.306	196.38	0.41	1.221
BTC-680-02	68.85	0.76	0.362	275.40	0.38	1.447
BTC-101-02	99.14	0.62	0.541	396.58	0.31	2.162
BTC-151-02	148.10	0.56	0.666	592.42	0.28	2.661
BTC-201-02	201.59	0.46	0.951	806.34	0.23	3.804
BTC-301-02	300.42	0.42	1.176	1201.70	0.21	4.703

Part No.	PARALLEL			SERIES		
	Inductance (μ H)	IDC (A)	DCR (Ω)	Inductance (μ H)	IDC (A)	DCR (Ω)
BTC-R47-03	0.46	6.20	0.007	1.85	3.10	0.025
BTC-R68-03	0.67	5.70	0.008	2.66	2.85	0.029
BTC-1R0-03	0.91	5.40	0.009	3.63	2.70	0.033
BTC-2R0-03	1.85	4.60	0.012	7.40	2.30	0.045
BTC-5R0-03	4.74	3.20	0.023	18.94	1.60	0.090
BTC-8R0-03	8.16	2.80	0.030	32.63	1.40	0.119
BTC-100-03	9.79	2.70	0.033	39.15	1.35	0.132
BTC-150-03	14.50	2.20	0.050	58.02	1.10	0.198
BTC-200-03	20.15	1.50	0.111	80.59	0.75	0.443
BTC-250-03	25.33	1.40	0.125	101.31	0.70	0.499
BTC-330-03	32.63	1.30	0.143	130.54	0.65	0.571
BTC-500-03	50.02	0.92	0.277	200.10	0.46	1.108
BTC-680-03	68.84	0.84	0.328	275.35	0.42	1.312
BTC-101-03	101.31	0.68	0.502	405.22	0.34	2.005
BTC-151-03	149.85	0.64	0.621	599.40	0.32	2.484
BTC-201-03	200.10	0.60	0.732	800.38	0.30	2.925
BTC-301-03	298.39	0.50	0.926	1193.55	0.25	3.702

Part No.	PARALLEL			SERIES		
	Inductance (μ H)	IDC (A)	DCR (Ω)	Inductance (μ H)	IDC (A)	DCR (Ω)
BTC-R47-04	0.49	7.90	0.005	1.95	3.95	0.019
BTC-R68-04	0.76	7.20	0.006	3.05	3.60	0.023
BTC-1R0-04	1.10	5.90	0.009	4.39	2.95	0.034
BTC-2R0-04	1.95	4.60	0.014	7.81	2.30	0.055
BTC-5R0-04	5.15	3.30	0.027	20.62	1.65	0.107
BTC-8R0-04	7.81	3.00	0.033	31.23	1.50	0.131
BTC-100-04	9.88	2.50	0.047	39.53	1.25	0.187
BTC-150-04	14.76	2.30	0.057	59.05	1.15	0.228
BTC-200-04	20.62	1.90	0.085	82.47	0.95	0.337
BTC-250-04	25.65	1.60	0.116	102.60	0.80	0.462
BTC-330-04	33.21	1.30	0.166	132.86	0.65	0.663
BTC-500-04	48.80	1.20	0.202	195.20	0.60	0.805
BTC-680-04	67.37	1.10	0.238	269.50	0.55	0.952
BTC-101-04	99.09	0.72	0.565	396.38	0.36	2.259
BTC-151-04	149.45	0.64	0.696	597.80	0.32	2.784
BTC-201-04	200.11	0.60	0.810	800.44	0.30	3.240
BTC-301-04	298.93	0.54	1.003	1195.72	0.27	4.011