

Power and Control Magnetics

Control Transformers

General Purpose Pulse Transformers

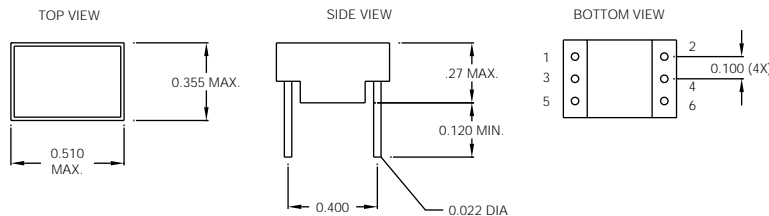
- Designed for a wide variety of low power applications
- Through-hole or surface mount (SMT) versions
- 500VDC Isolation tested
- To order through-hole configuration, add a 1 to the BH part number (example: 500-1300-1).
For SMT, add a 2 to the BH part number (example: 500-1300-2).

ELECTRICAL CHARACTERISTICS @ 25° C

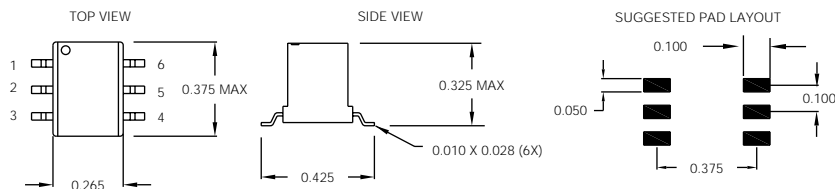
BH PART NUMBER	TURNS RATIO	PRIMARY INDUCTANCE (mH)	PRIMARY ET-CONSTANT (V-uSec)	PRI./SEC. Ci (pF MAX.)	PRI./SEC. LEAKAGE INDUCTANCE	PRIMARY DCR (Ω MAX.)	SECONDARY DCR (Ω MAX.)	TERTIARY DCR (Ω MAX.)	SCHEMATIC
500-1300-___	1:1:1	5000	25.0	60	1.3	1.5	1.5	1.5	1
500-1301-___	1:1:1	2000	16.0	37	0.8	1.0	1.0	1.0	1
500-1302-___	1:1:1	500	8.5	30	0.4	1.0	1.0	1.0	1
500-1303-___	1:1:1	200	5.0	18	0.3	0.9	0.9	0.9	1
500-1304-___	1:1:1	50	5.2	18	0.5	0.5	0.5	0.5	1
500-1305-___	1:1:1	20	3.2	21	0.4	0.2	0.2	0.2	1
500-1306-___	1:1:1	10	3.7	22	0.5	0.1	0.1	0.1	1
500-1307-___	2:1:1	5000	25.0	33	3.6	1.0	1.0	1.0	1
500-1308-___	2:1:1	2000	16.0	19	1.8	1.0	0.5	0.5	1
500-1309-___	2:1:1	500	8.5	11	1.1	1.0	0.7	0.7	1
500-1310-___	2:1:1	200	5.0	8	0.8	0.9	0.35	0.5	1
500-1311-___	2:1:1	20	5.8	12	1.5	1.0	0.5	0.5	1
500-1312-___	3:1:1	200	5.0	7	1.1	0.9	0.4	0.4	1
500-1313-___	3:1:1	20	3.2	6	1.3	0.9	0.4	0.8	1
500-1314-___	4:2:1	2000	16.0	20	2.5	2.5	1.4	0.5	1
500-1315-___	4:2:1	500	8.5	13	0.9	1.0	0.8	0.4	1
500-1316-___	4:2:1	200	5.0	8	0.8	0.9	0.5	-	1
500-1317-___	1CT:1CT	2000	16.0	37	0.8	2.0	2.0	-	2
500-1318-___	1CT:1CT	500	8.5	32	0.4	1.0	1.0	-	2
500-1319-___	1CT:1CT	200	5.0	18	0.3	0.5	0.5	-	2
500-1320-___	1CT:1CT	50	5.2	18	0.05	1.0	1.0	-	2
500-1321-___	1CT:1CT	20	3.2	21	0.4	0.9	0.9	-	2
500-1322-___	1CT:1CT	10	3.7	22	0.5	0.9	0.9	-	2
500-1323-___	2CT:1CT	2000	16.0	19	1.8	1.0	0.5	-	2
500-1324-___	2CT:1CT	500	8.5	12	1.2	1.0	0.5	-	2
500-1325-___	2CT:1CT	200	5.0	8	0.8	0.9	0.5	-	2
500-1326-___	2CT:1CT	50	5.2	12	1.3	1.3	0.7	-	2
500-1327-___	2CT:1CT	20	5.8	12	1.5	1.0	0.5	-	2
500-1328-___	2CT:1CT	10	3.7	9	1.5	0.9	0.5	-	2
500-1348-___	1CT:1.4CT	450	8.5	60	0.4	1.0	1.5	-	2

MECHANICALS

PACKAGE 1

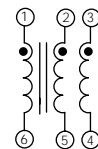


PACKAGE 2



SCHEMATICS

- 1 -



- 2 -

