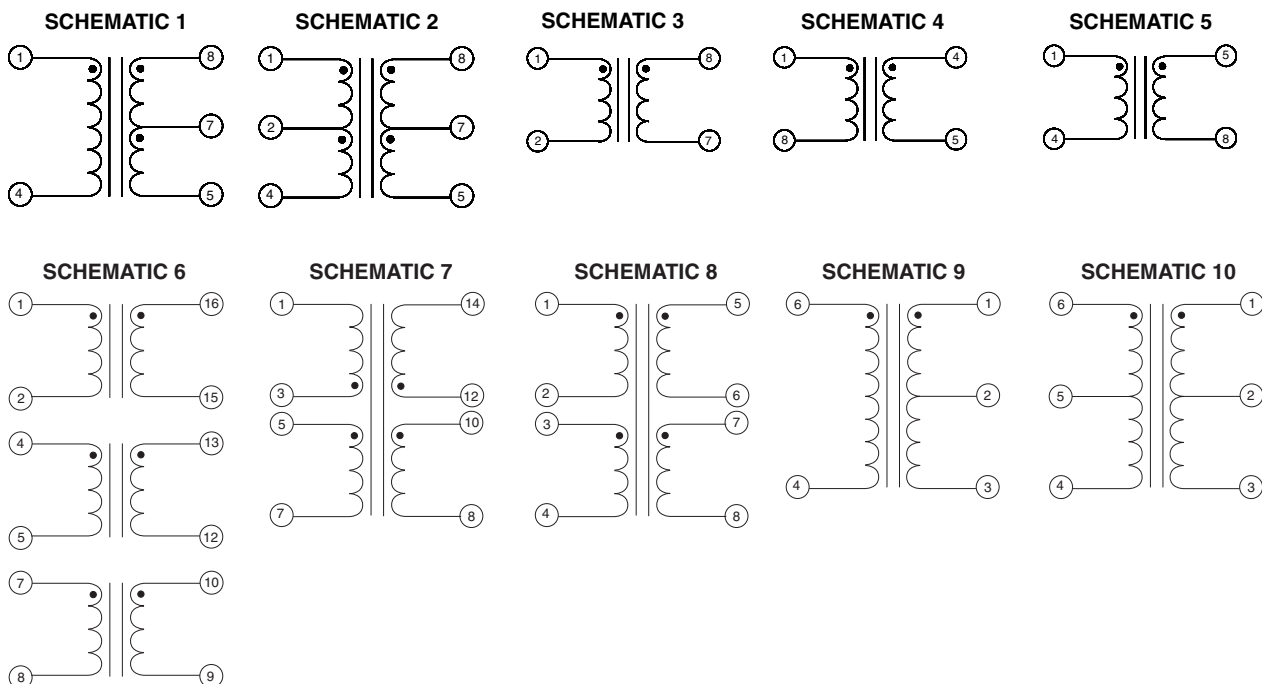


## Network & Data Line Matching Transformers

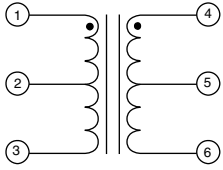
- Designed for use in line matching and isolation circuits
- Ideal for use as baluns or as isolation transformers
- Use in popular networks such as Ethernet or xxbaseT
- Use in proprietary networks based on RS232, RS422 or RS485
- Products are available to support data rates as low as 9.6 Kb/sec
- Surface mount designs available (See pages 30-32)

### ELECTRICAL SPECIFICATIONS AT 25° C:

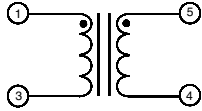
BH PART NUMBER	ET CONSTANT (VuSEC. MIN.)	TURNS RATIO OR IMPEDANCE	PRIMARY INDUCTANCE	ISOLATION VOLTAGE	SCHEMATIC	FIGURE	DIM. "A" MAX.	DIM. "B" MAX.
500-1318		100½ : 100½	0.5 mH	500 VDC	11	6	na	na
500-1346	2:24	1 : 1	75 uH	2000 VDC	6	3	na	na
500-1348	150	1 : 1	150 uH	2000 VDC	6	3	na	na
500-1349		50½ : 100½	0.45 mH	500 VDC	11	6	na	na
500-1425	25	1 : 1	2 mH	2000 VDC	7	5	na	na
500-1430		93½ : 150½	2.8 mH	500 VDC	12	6	na	na
500-1455	100	1 : 1	21 mH	1500 VRMS	3	1	0.4	0.35
500-1461	1200	1 : 1	800 mH	2200 VRMS	4	1	0.57	0.4
500-1465	380	1ct : 1ct	193	1500 VRMS	2	1	0.45	0.45
500-1480		100½ : 100½	0.5 mH	500 VRMS	11	6	na	na
500-1481		78½ : 100½	0.2 mH	500 VDC	5	1	0.54	0.39
500-1485	30	1 : 1 : 2 : 2	3.3 mH	500 VDC	8	4	na	na
500-1488	25	1 : 1ct	2.2 mH	1000 VRMS	1	1	0.4	0.28
500-1535	>1	1 : 1.4ct	150 uH	500 VDC	9	2	na	na
500-1538	>1	1ct : 1ct	147 uH	500 VDC	10	2	na	na
500-1542	900	1ct : 1ct	430 mH	2900 VDC	2	1	0.56	0.37
500-1543	13	1 : 1	4.66 mH	2500 VRMS	5	1	0.56	0.25
500-1544	90	1 : 1ct	2.2 mH	1000 VRMS	1	1	0.6	0.35
500-1637		78½ : 78½	0.2 mH	500 VDC	13	7	na	na



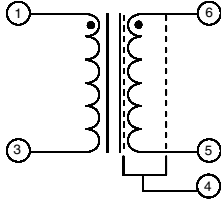
**SCHEMATIC 11**



**SCHEMATIC 12**



**SCHEMATIC 13**



**MECHANICAL DIMENSIONS**

