

DC-DC Converter Transformers

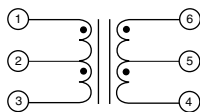
- Intended for power supply isolation in data line driver circuits
- May be used in a variety of DC-DC converter designs
- Designed for use with Maxim chips and chip sets
- Variety of package options
- PCMCIA versions available
- Custom versions available to 1.8 volts

BH PART NUMBER	TURN RATIO	ISOLATION VOLTAGE VAC	ET (V μ SEC.)	SCHEMATIC	PACKAGE STYLE	NOTES	FOR USE WITH CHIP SET		
							250/251	253	845
500-1635	1CT:1	1500	100	5	5	(formerly Q6471-1)	•		
500-1636	1CT:1	1800	16	5	6	(formerly Q6471-2)	•		
500-1658	1CT:1	3750	16	5	6		•		
500-1749 (1)	1CT:1CT	3750	30	4	7	5V in to 5 or 10V out	•	•	•
500-1944	1CT:1CT	2000	30	1	3	5V in to 5 or 10V out	•	•	•
500-2015	1CT:1.3CT	1500	18	1	1	5V in to 5V out @ 100ma		•	•
500-2017	1CT:2.1CT	1500	18	1	1	3.3V in to 5V out @ 50ma		•	•
500-2019	1CT:5CT	1500	18	1	1	5V in to 24V out @ 10ma		•	•
500-2043	1CT:1CT	500	18	1	1	5V in to 5 or 10V out	•	•	•
500-2045	1CT:1.3CT	500	18	1	1	5V in to 5V out @ 200ma		•	•
500-2047	1CT:2.1CT	500	18	1	1	3.3V in to 5V out @ 100ma		•	•
500-2049	1CT:5CT	500	18	1	1	5V in to 24V out @ 6ma		•	•
500-2169	1CT:1CT	3750	5	5	9	5V in to 10V out		•	•
500-2323	1CT:1CT	1500	30	1	4	5V in to 5 or 10V out	•	•	•
500-2327	1CT:1.3CT	1500	30	1	4	5V in to 5V out		•	•
500-2345 (2)	4:4:5:5	4000	18	5	11	—		•	•
500-2361	1CT:1.3CT	500	5	1	8	—			•
500-2451	1CT:1.3CT	3750	18	1	10	5V in to 5V out @ 80ma		•	•

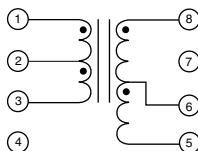
(1) Recognized UL1950, File #E147744

(2) Recognized UL2601, File #E149744

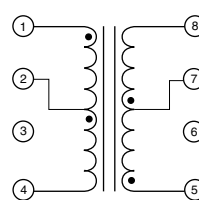
SCHEMATIC 1



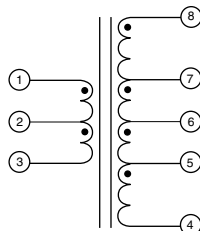
SCHEMATIC 3



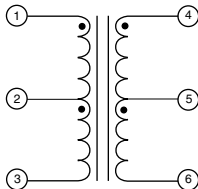
SCHEMATIC 5



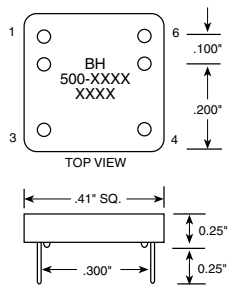
SCHEMATIC 2



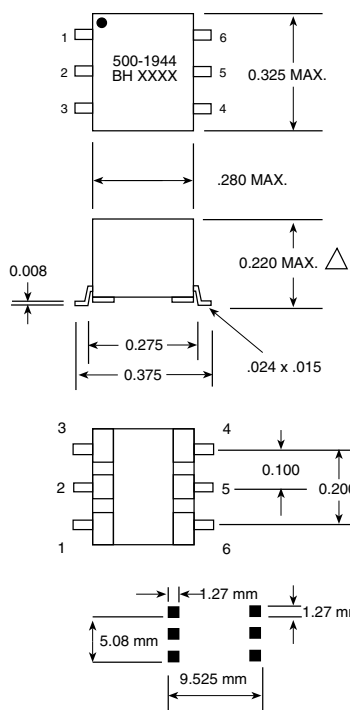
SCHEMATIC 4



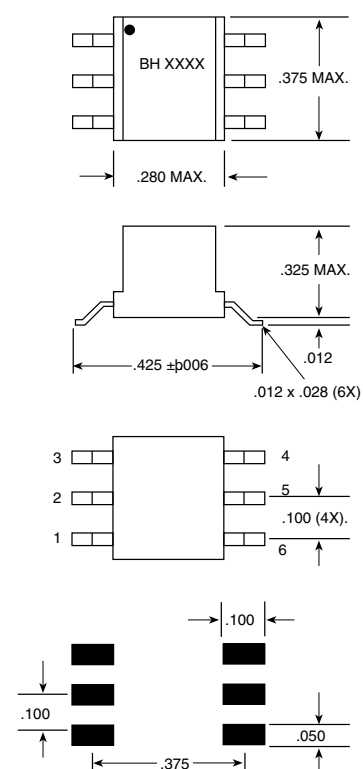
PACKAGE 1



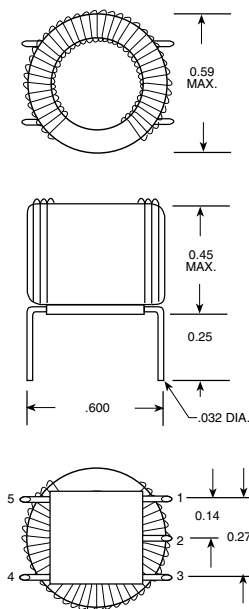
PACKAGE 3



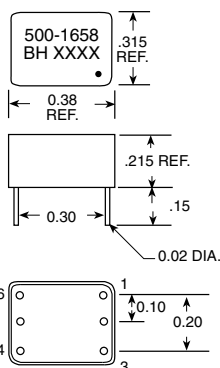
PACKAGE 4



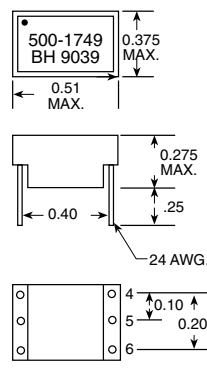
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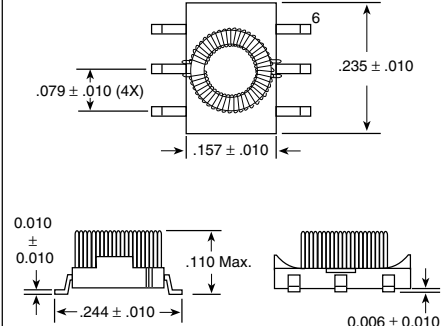
PACKAGE 6



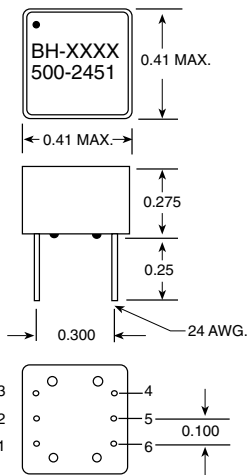
PACKAGE 7



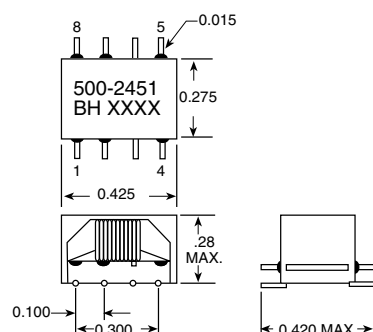
PACKAGE 8



PACKAGE 10



PACKAGE 9



PACKAGE 11

