

- Designed to meet UL1950 and IEC950 safety requirements
- S560-6600-T8 & S560-6600-K7 UL file number is E150991
- Operating temperature range: -40° C to +85° C
- Meets IEC 695, 2-2 flammability requirements
- PWB Process Capability: standard printed wiring board assembly techniques, total-immersion cleaning
- Reliability testing: shock, vibration, temperature cycling, temperature - humidity - bias

**ELECTRICAL SPECIFICATIONS AT 25° C**

Part Number	Package	Turns Ratio <sup>1</sup> ± 2%	Inductance <sup>2</sup> µH ± 5%		Leakage <sup>6</sup> Inductance <sup>1</sup> µH max	DCR Ω max				Direct Capacitance pF max	Dielectric Rating Vrms min
		(1-5) : (10-6)	(1-5) <sup>3</sup>	(10-6) <sup>4</sup>	(1-5) <sup>5</sup>	(1-4)	(2-5)	(10-7)	(9-6)	between (1-5) & (10-6) <sup>5</sup>	(1-5) & (10-6) <sup>1</sup>
S560-6600-T8	SMD	1 : 1.4	238	475	10	0.5	0.5	0.6	0.6	15	1500
0560-6600-88	THT	1 : 1.4	225	441	10	0.4	0.4	0.5	0.5	15	1500
S560-6600-K7	SMD	1 : 1.4	225	441	10	0.4	0.4	0.5	0.5	15	1500
0560-6600-T3	THT	1 : 1.4	225	441	10	0.4	0.4	0.5	0.5	15	1500

1. connect terminals 2 to 4 & 7 to 9
2. measured at 10 kHz, 0.1 Vrms
3. connect terminals 2 to 4
4. connect terminals 7 to 9
5. short terminals 6, 7, 9, 10
6. measured at 100 kHz, 0.1 Vrms

Part Number	Package	Turns Ratio <sup>1</sup> ± 2%	Inductance <sup>2</sup> µH ± 5%		Leakage Inductance <sup>6</sup> µH max	DCR Ω max				Direct Capacitance pF max	Dielectric Rating Vrms
		(1-4) : (10-7)	(1-4) <sup>3</sup>	(10-7) <sup>4</sup>	(1-4) <sup>5</sup>	(1-3)	(2-4)	(10-8)	(9-7)	between (1-4) & (10-7) <sup>1</sup>	(1-5) & (10-6) <sup>1</sup>
0560-6600-H7	THT	1 : 1.4	225	441	10	0.4	0.4	0.5	0.5	15	1500

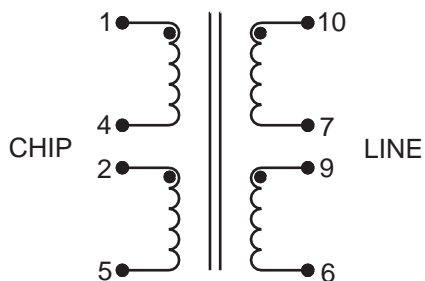
1. connect terminals 2 to 3 & 8 to 9
2. measured at 10 kHz, 0.1 Vrms
3. connect terminals 2 to 3
4. connect terminals 8 to 9
5. connect terminals 2 to 3 & 8 to 9, short terminals 7, 8, 9, 10
6. measured at 100 kHz, 0.1 Vrms

Part Number	Package	Turns Ratio <sup>1</sup> ± 2%	Inductance <sup>2</sup> µH ±5%		Leakage Inductance <sup>6</sup> µH max	DCR Ω max						Direct Capacitance pF max	Dielectric Rating Vrms
		(1-4) : (8-5)	(1-4) <sup>3</sup>	(8-5) <sup>4</sup>	(1-4) <sup>5</sup>	(1-3)	(1-4)	(2-4)	(7-5)	(8-5)	(8-6)	between (1-4) & (8-5) <sup>1</sup>	(1-4) & (8-5) <sup>1</sup>
S560-6600-39	SMD	1 : 1.4	225	441	5	0.45 - 0.65	-	0.45 - 0.65	0.6 - 0.8	-	0.6 - 0.8	20	1500
0560-6600-G6	THT	1 : 1.4	225	441	10	-	1.4	-	-	2.25	-	33.5	1500

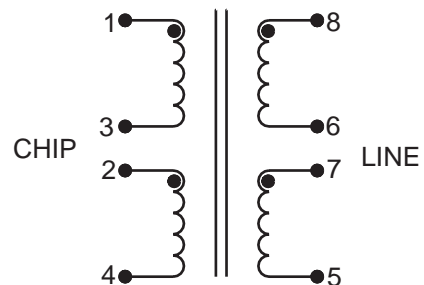
- connect terminals 2 to 3 & 6 to 7
- measured at 10 kHz, 0.1 Vrms
- connect terminals 2 to 3
- connect terminals 6 to 7
- short terminals 5, 6, 7, & 8, connect terminals 2 to 3 & 6 to 7
- measured at 100 kHz, 0.1 Vrms

### SCHEMATIC

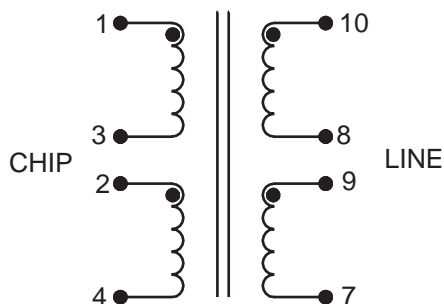
S560-6600-T8  
0560-6600-88  
S560-6600-K7  
0560-6600-T3



0560-6600-G6  
S560-6600-39



0560-6600-H7



# ADSL Magnetics

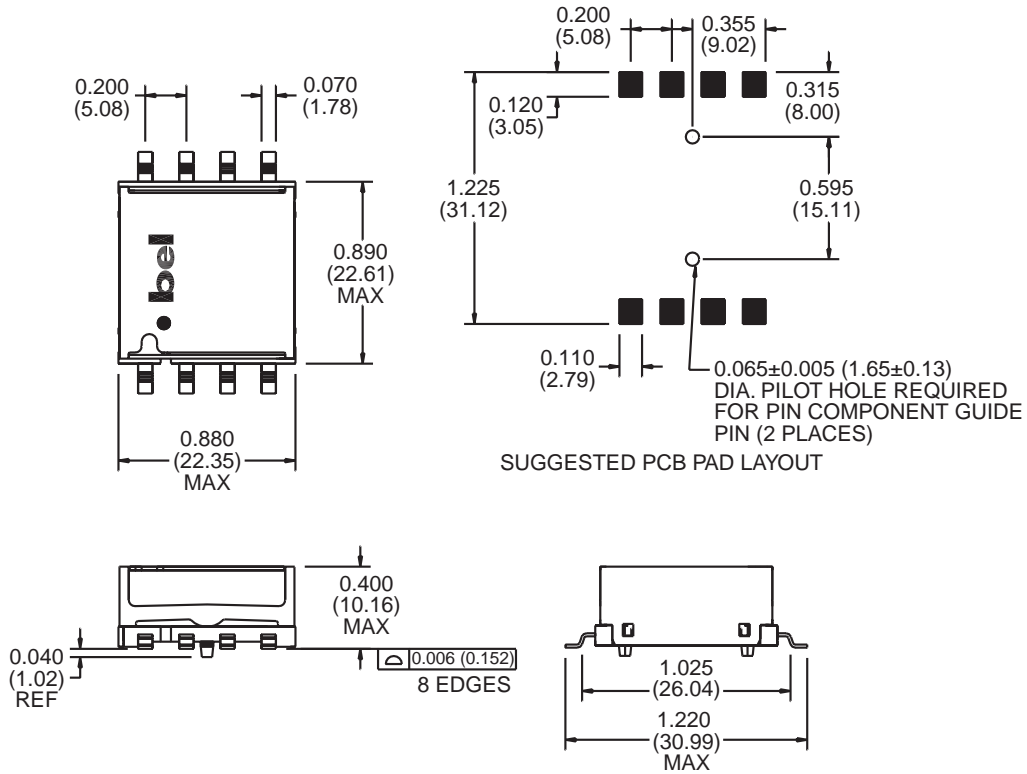
GlobeSpan ADSL DMT CO



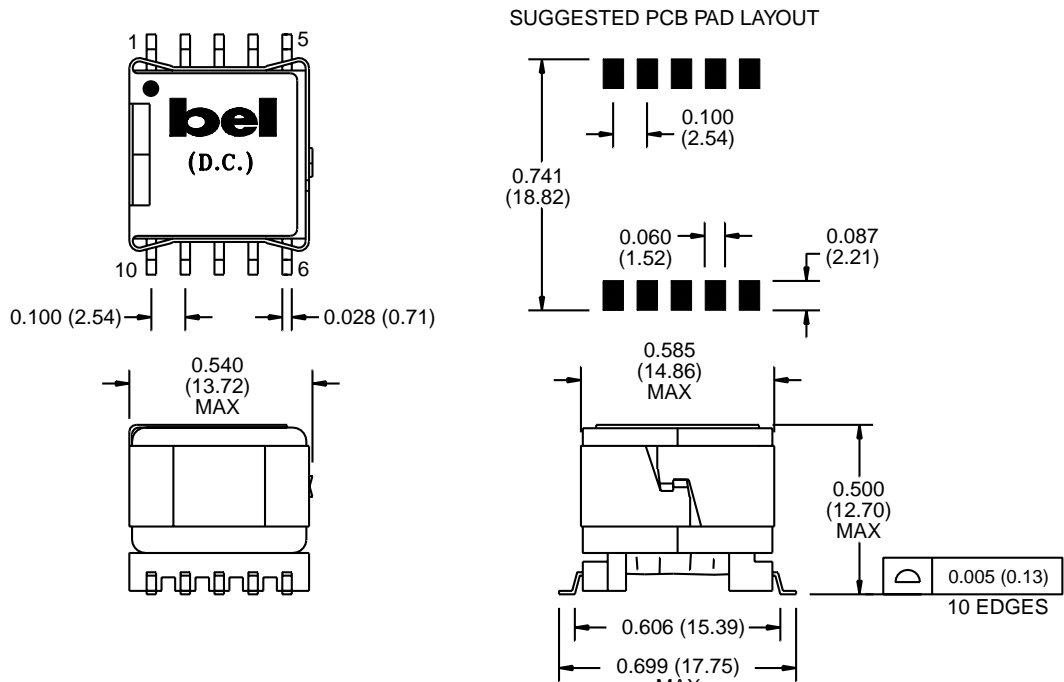
TM00310

## MECHANICAL

S560-6600-39



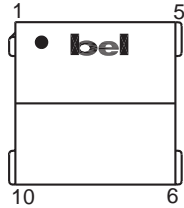
S560-6600-T8  
S560-6600-K7



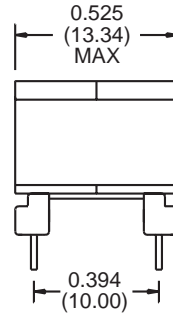
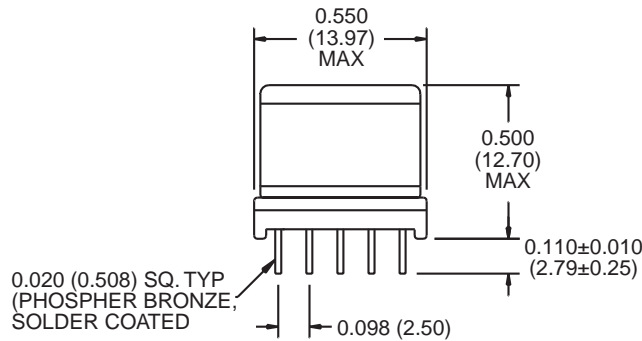
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### MECHANICAL

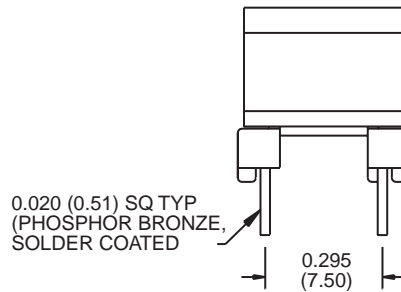
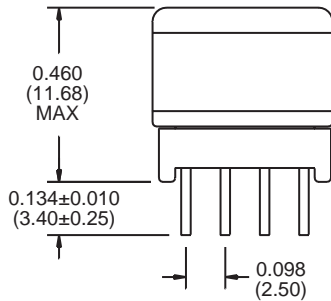
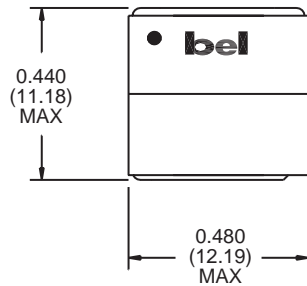
0560-6600-88  
0560-6600-H7  
0560-6600-T3'



1. Pin #3 omitted from 0560-6600-T3.



0560-6600-G6



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