

# HIGH FREQUENCY MAGNETICS

## T1/CEPT Single Line Interface Transformers

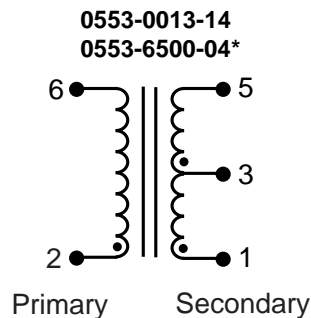
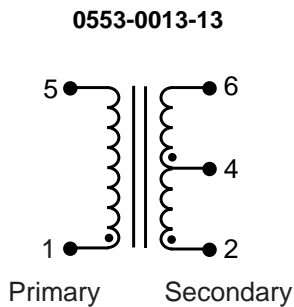
TM00110

- Designed to meet the stringent demands of high density designs
- Minimum interwinding breakdown voltage of 1500 Vrms

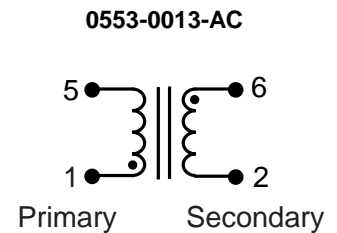
### ELECTRICAL SPECIFICATIONS at 25° C

Part Number	Turns Ratio ±5%	Primary Inductance mH min	Leakage Inductance μH max	Interwinding Capacitance pF max	DCR Ω max	
	Pri : Sec				Pri	Sec
0553-0013-13	1 : 1.36 CT	1.20	0.80	35	0.7	0.9
0553-0013-14	1 : 1.266 CT	1.50	0.80	35	0.80	0.92
0553-0013-AC	1 : 1	1.20	0.50	35	0.80	0.80
0553-0013-BC	1 CT : 1	1.20	0.50	35	0.80	0.80
0553-0013-HC	1 CT : 2 CT	1.20	0.80	35	1.8	1.80
0553-0013-IC	1 : 1 : 1	1.20	0.50	35	0.80	0.80
0553-0013-RC	1.15 CT : 1	1.20	0.50	35	0.80	0.80
0553-0013-SC	1 : 1 : 1.266	1.20	0.80	35	0.80	0.80
0553-6500-04	1 : 1 : 1.26	1.50	0.40	35	0.7	0.9

### SCHEMATICS



\* 1 : 1 (2 - 6 : 3 - 5)  
1 : 1.26 (2 - 6 : 1 - 5)

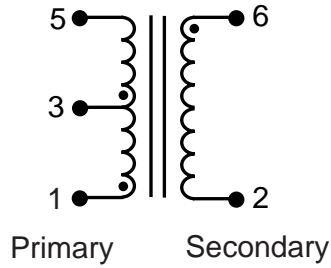


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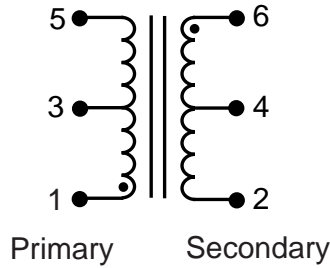
### T1/CEPT Single Line Interface Transformers

#### SCHEMATICS

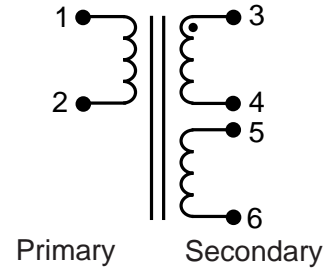
**0553-0013-BC**  
**0553-0013-RC**



**0553-0013-HC**

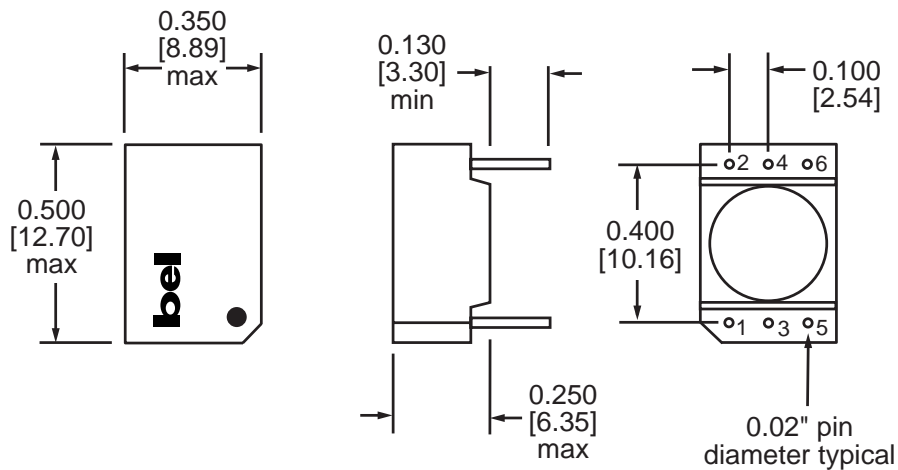


**0553-0013-IC**  
**0553-0013-SC**



#### MECHANICAL

- 0553-0013-13**
- 0553-0013-14**
- 0553-0013-AC**
- 0553-0013-BC**
- 0553-0013-HC**
- 0553-0013-IC**
- 0553-0013-RC**
- 0553-0013-SC**
- 0553-6500-04**



Unless otherwise specified, dimensions are nominal and in inches [millimeters].

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