

HIGH FREQUENCY MAGNETICS

T1/CEPT Single Line Interface Transformers

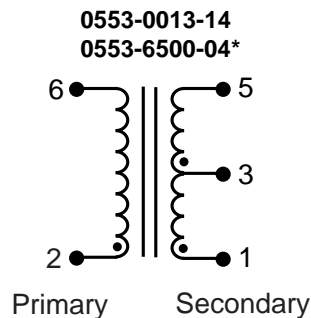
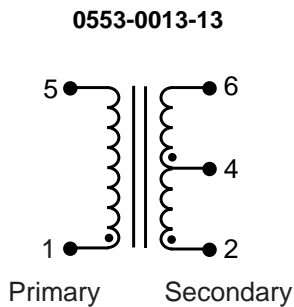
TM00110

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

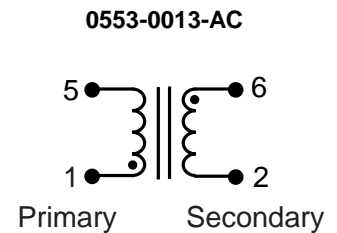
ELECTRICAL SPECIFICATIONS at 25° C

| 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

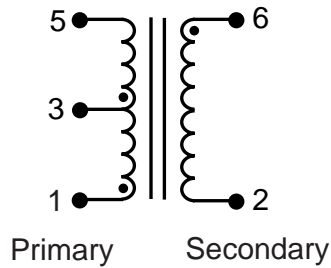


* 1 : 1 (2 - 6 : 3 - 5)
1 : 1.26 (2 - 6 : 1 - 5)

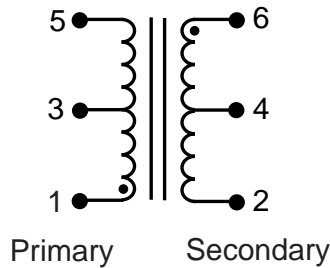


SCHEMATICS

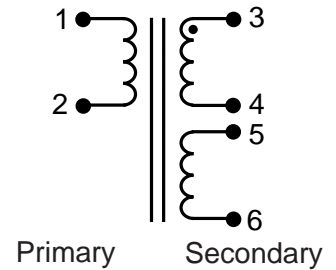
0553-0013-BC
0553-0013-RC



0553-0013-HC

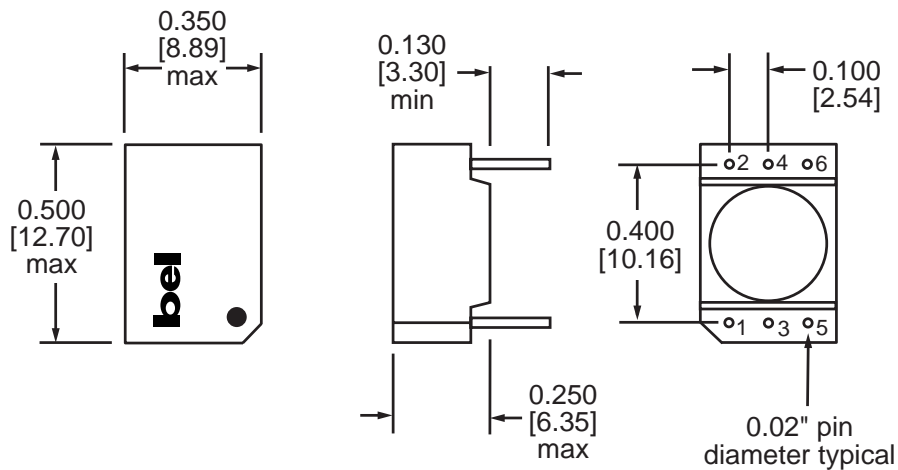


0553-0013-IC
0553-0013-SC



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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