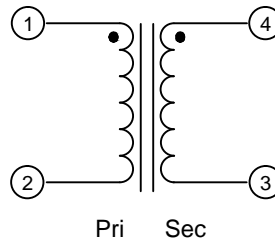
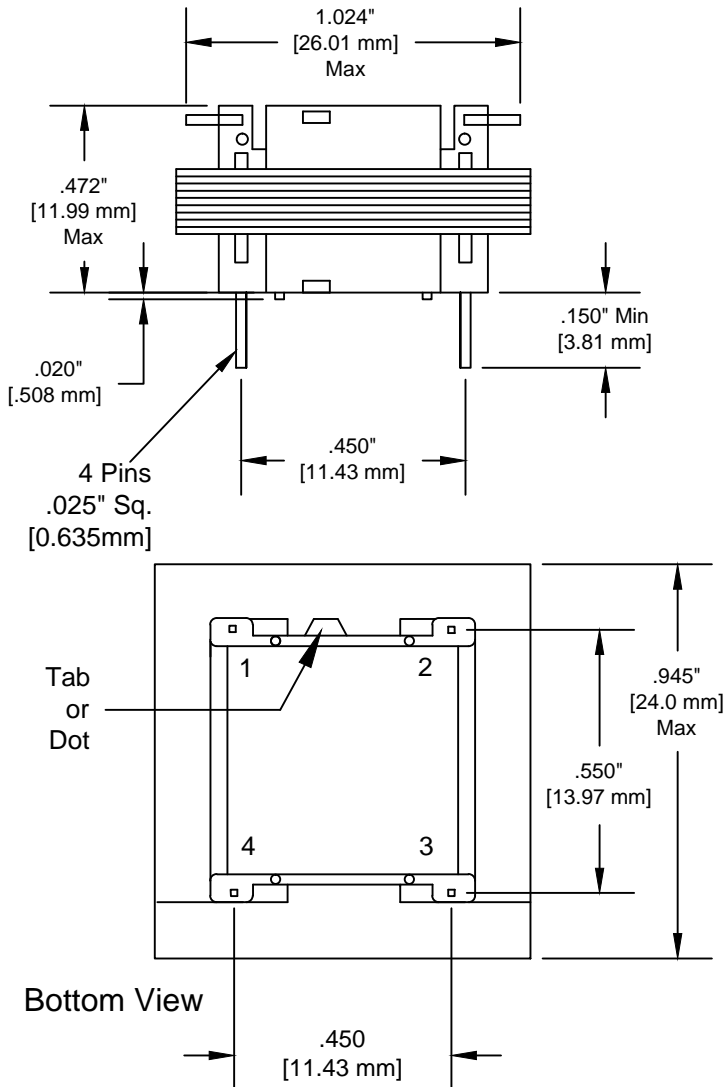


- SUB-MINIATURE VOICE/DATA COUPLING TRANSFORMERS.
- MINIMAL USE OF PC BOARD AREA < 1.0" [25.4mm] SQUARE AND VERY LOW ABOVE-BOARD HEIGHT < 0.525" [13.34].
- V.29 (9.6Kbps) MODEM TRANSFORMER.
- DRY (0DC) APPLICATIONS.
- 600Ω : 600Ω COUPLING



Electrical Parameters

Primary Impedance: 600 Ohms
 Secondary Impedance: 600 Ohms
 Max DC Unbalance: 0
 Turns Ratio: 1:1+/-2%
 Dielectric Strength: 1500Vrms P-S-C
 Frequency Response: +/-0.25dB 200 -4KHz (1KHz Ref.)
 Return Loss: 20.0dB Min. 300-3KHz
 Echo Return Loss: 29.0dB Min.
 Insertion Loss: 2.25dB max @1KHz
 Primary D.C.R. : 108.0 Ω +/-10%
 Secondary D.C.R. : 120.0 Ω +/-10%
 THD: -10dBm @ 600Hz Input, -82dB Typ.
 Longitudinal Balance: Per FCC Part 68.310

Use 374 Ω Load for Transmission Tests

All dimensions are reference unless otherwise specified.

| | | | |
|--|--|--|----------------------------------|
| PREM MAGNETICS INCORPORATED | | CUSTOM ENGINEERING MAGNETIC COMPONENTS Johnsburg, Illinois 3521 N. Chapel Hill Rd. / McHenry, Illinois 60051 | |
| SCALE: None | APPROVED BY: <i>Gary Garcia</i> | DRAWN BY G.G. | |
| DATE: 8-16-1993 | | REVISED | |
| Mechanical / Electrical Drawing for Part SPT-023 | | | |
| (Data Transformer) | | | DRAWING NUMBER B 023-6 |

| REVISIONS | | | |
|-----------|-----|--|----------|
| DATE | REV | DESCRIPTION | APPV'D |
| 8-26-93 | -1 | Changed Insertion Loss Max was 2.0dB | TJK |
| 11-3-93 | -2 | Changed Pri & Sec D.C.Rs, was reversed. | G.G. |
| 2-14-96 | -3 | Added ref. to pin-out Gauge Lay-out | TJK/G.G. |
| 4-2-96 | -4 | Deleted hole size from pin-out gauge lay-out | TJK |
| 4-15-96 | -5 | Deleted Min dB specification for Long.Bal. | TJK |
| 12-16-15 | -6 | updated entire drawing | TJK |