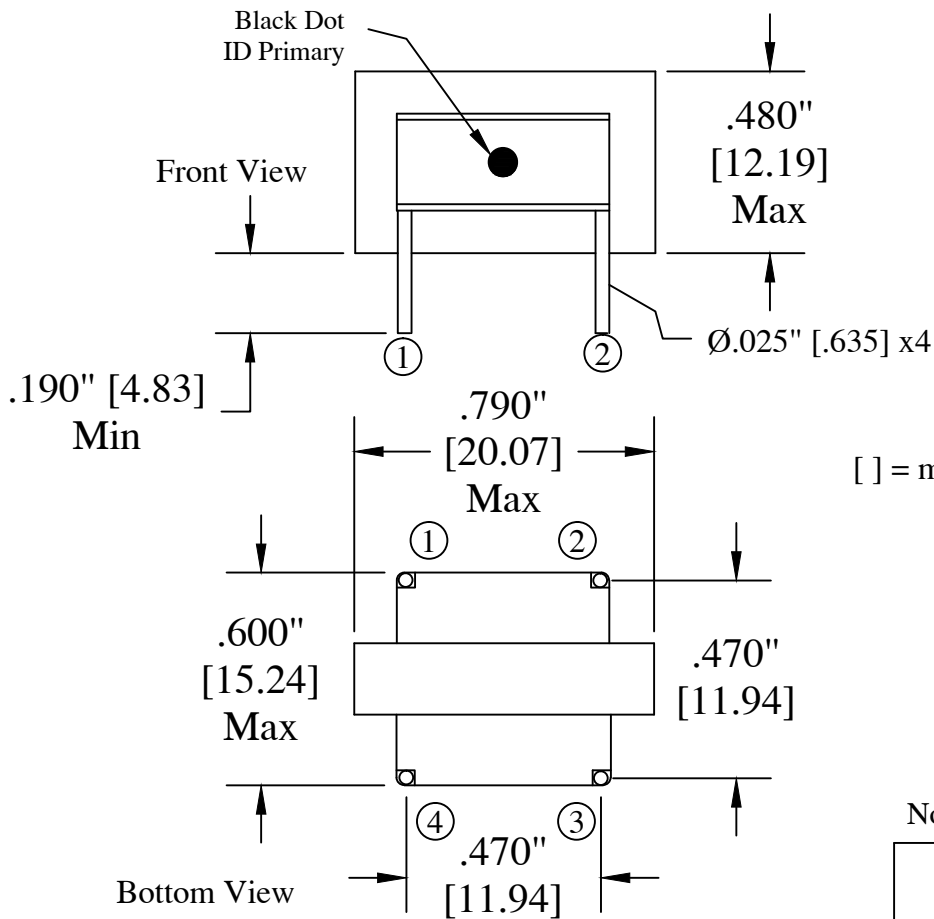


- LOW PROFILE (<.525"/13.34MM).
- SMALL BOARD USAGE (<1.0"/25.4MM SQUARE)
- VOICE & DATA APPLICATIONS.
- "DRY" UNITS (W/O DC CURRENT).
- UL RECOGNIZED COMPONENT - UL 1863, FILE E138250.

REVISIONS			
DATE	REV	DESCRIPTION	APPV'D
09-22-93	-1	Chg THD Spec was specified in % distortion.	T.JK.
03-12-99	-2	B.D. was 1000Vac, Add impedance matching	G.G.
03-31-2016	-3	Updated entire drawing, added millimeters	Tjk



[] = millimeters

Electrical Parameters

Impedance Matching $\pm 10\%$ 300- 3500Hz
 Primary Impedance : 600 Ω
 Secondary Impedance : 600 Ω
 Max Unbalance D.C. : 0 mA
 Turns Ratio: 1 : 1.028 $\pm 2\%$
 Dielectric Strength : 1500 Vrms Instant
 Frequency Response :
 $\pm 0.5\text{dB}$ 300-3500Hz, 1KHz ref.
 Return Loss : 23dB min @ 300 Hz
 ERL: 26.0dB Min.
 Longitudinal Balance : 60dB /
 Per IEEE #455-1985
 Primary Dcr : 39.0 Ω $\pm 10\%$
 Secondary Dcr : 50.0 Ω $\pm 10\%$
 THD @ 0dBm, 300Hz : -59dB Typical
 Insertion Loss : 1.0 dB Ref. @ 1KHz
 Reflected Z = 610 Ω Typ. @ 1KHz,
 0mAdc/ Primary and 600 Ω load on
 Secondary.

Note: 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:

Tj Klotz

DRAWN BY Tjk

DATE: 07/11/85

REVISED

Standard Product Transformer p/n SPT-1104

DRAWING NUMBER

A-SPT-1104 -3

