

# Summit series type B - 14

This datasheet is preliminary as it is still incomplete.

Push Pull output transformer

8000  $\Omega$  to 4 and 8  $\Omega$

optimized for EL84, 6V6 pentode  
and triode strapped applications

- Hi-Grade FeSi grain oriented dual C-core
- virginal PTFE interlayer dielectric
- vari-lay inter-winding technique
- 5 - 160,000 Hz bandwidth
- 0,24 dB insertion loss

The Summit series " type B-14 " is a push pull output transformer designed around the EL84 and 6V6 pentode operating in pentode or triode strapped mode:

" 15 Watts rms " output power

The EL84 is a vacuum pentode with a long history of high performance and great sound. Typically used in a high sensitivity speaker environment as implemented by [Decware](#).

Optional screen taps can be provided on request.

## E L E C T R I C A L D A T A

Primary impedance	8000 $\Omega$
Secondary load impedance	4 an 8 $\Omega$
Winding ratio (4/8 $\Omega$ )	44.72 / 31.62
Bandwidth (-3 dB @ 1W, sec. grounded)	5 - 160,000 Hz
Core saturation	20 Hz @ 15W rms
Primary inductance (@ 10 Vrms)	195 H $\mu$
Leakage inductance	8.7 mH
Shunt capacitance sec. grounded	550 pF
Shunt capacitance sec. floating	220 pF
Primary DC resistance	315 $\Omega$
Sec. DC resistance 4/8 Ohm	0.073 / 0.127 $\Omega$
Insertion loss 4/8 Ohm	0.24 / 0.24 dB

level (dB) vs. frequency (Hz) 4 ohm - grounded secondary

level (dB) vs. frequency (Hz) 8 ohm - grounded secondary

Mechanical data & electrical connections

CASE-1

[preliminary new case layout datasheet](#)