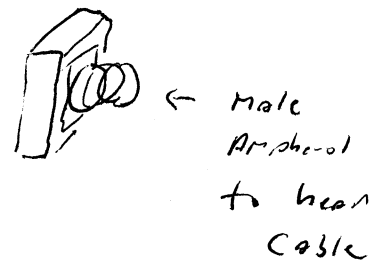
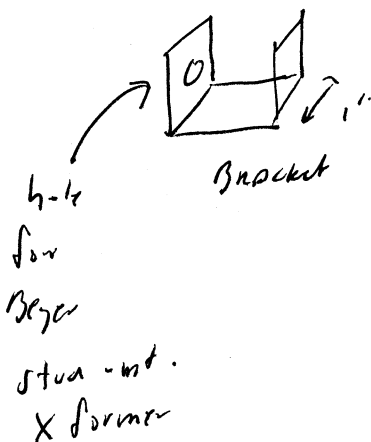
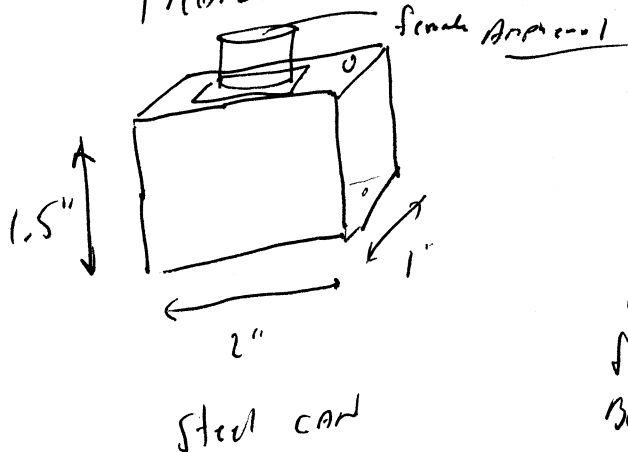


CONVERTER BOX USED WITH AMPEX 300-4 RECORDERS equipped with cat. 30960-11 electronics  
 (this allows use of low-inductance 4-channel play heads with hi-z electronics)

TRANSFORMER USED WITH AMPEX 300-4



Marker Ampex

CAT. NO. 4020223-03

Schem 484 0113

CONT. No. 121867

1:20

Beyer No

} || E

4580184-10

MEASUREMENT WITH GENRAD 1657  
 REC DIGIBRIDGE

PRIMARY

42 mH @ 1kHz SERIES Q: 0.85

56 mH @ " PAR Q: 0.75

121 mH @ 120Hz SERIES Q: 2.37

144 mH @ " PAR Q: 2.37

INDUCTANCE

300 Ω @ 1kHz SERIES mod

548 Ω @ 1kHz PAR mod

IMPEDANCE

SECONDARY

17 H @ 1kHz SERIES Q: 1.04

33 H @ 1kHz PAR Q: 1.04

42 H @ 120Hz SER Q: 3.57

45 H @ 120Hz PAR Q: 3.58

107 kΩ @ 1kHz SER mod

220 kΩ @ 1kHz PAR mod

INPUT TEST VOLTAGE: 60 mV  
 OUTPUT VOLTAGE: 1.14 V out

= 1:20 RATIO  
 1:400 IMP RATIO