

R14 = 100
R15, R16, R17 = 100

Total (R1...R13) = 70 MOhm (+/-5%) See Table S2.1 for value ratios.

C1, C2, C3 = 10nF
C4, C5, C6 = 4.7nF
C7, C8, C9 = 3.3nF
C10, C11 = 2.2nF

K1: Coaxial toroidal transformer
Core: Magnetics ZH-42206-TC (www.mag-inc.com)
Winding: 19 turns of RG-180B/U or similar coaxial cable.
(See ERD 3.2.3.1 for details)

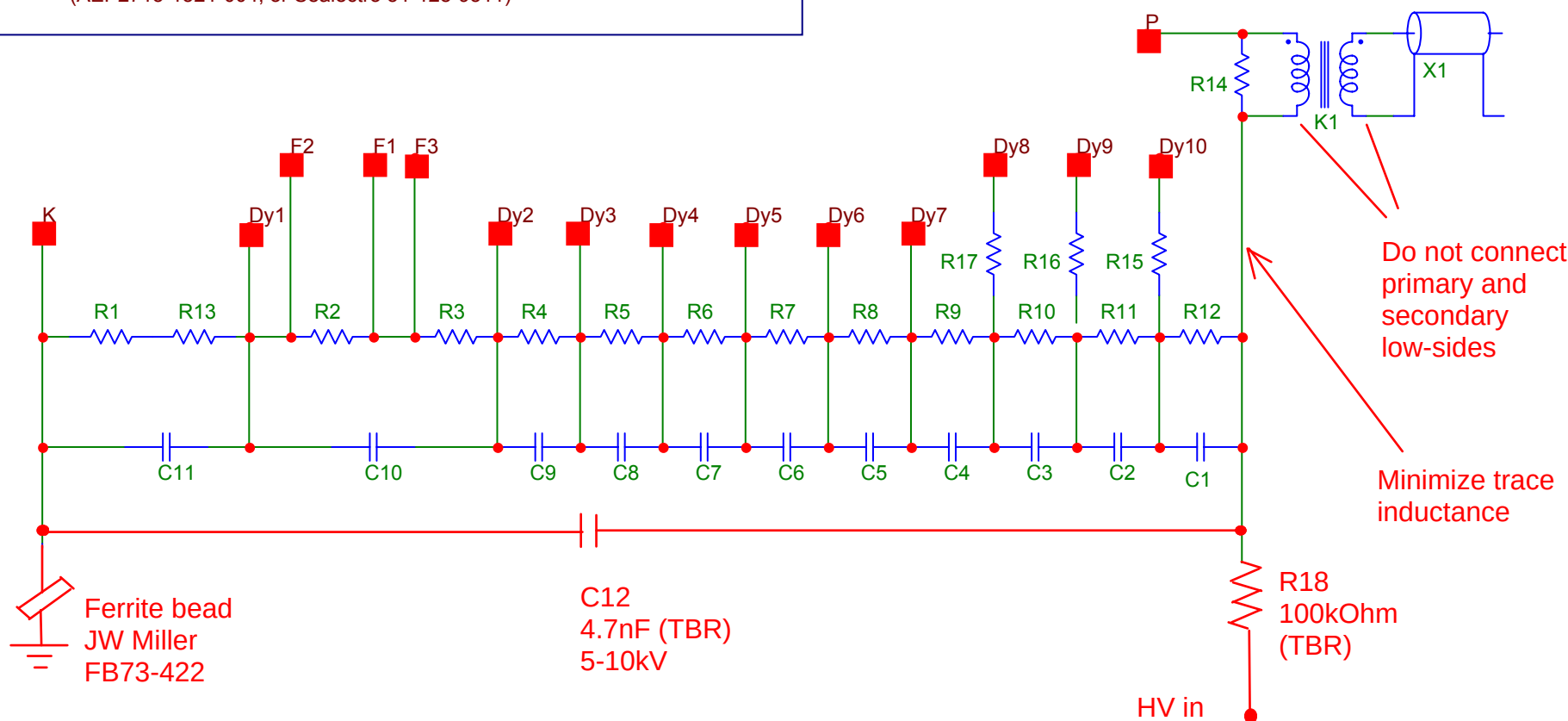
X1: Anode signal output cable
RG180BU or equivalent (20 cm)
Attach a right-angle SMB connector
(AEP2715-1521-004; or Sealectro 51-128-9511)

■ = PMT mounting pad
No components to be mounted
within 1mm of pad OD

R14 = close to the
transformer primary
(each side to be within
10mm of terminal)

R15, R16, R17 = within
10mm of corresponding
PMT pad

C1, C2, ..., C11 = minimize distance to
PMT pads with increasing priority
towards higher dynodes



~~BLEEDER1~~

Nobuyoshi Kitamura SSEC / UW-Madison

12/17/2002

Page 1 of 1