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

Do not connect primary and secondary low-sides
Minimize trace inductance

Ferrite bead
JW Miller
FB73-422

C12
4.7nF (TBR)
5-10kV