



C6, C7 & C8 must be able to withstand full HV supply voltage.  
Reccomended mininum 4KV rating

9954B  
High energy physics

Diameter: 51mm (Nominal)  
Surface: Bialkali  
Av Anode Sensitivity:-  
500 A/lm @ 1.8Kv  
Cathode Sensivity 110 uA/lm  
Number of stages: 12 + focus  
Rise Time: 2ns  
Max Mean Anode Current: 100uA  
Max A-K Voltage: 2800  
Dynode Material: Copper Berylium

Notes:-

Above schematic details PMT wiring as found  
and components are added to realise a usual two connector style detector for lab use.  
Those components shown are encapsulated in the device housing.

K	Pin 19
F	Pin 18
D1	Pins 2 & 3
D2	Pin 15
D3	Pin 4
D4	Pin 14
D5	Pin 5
D6	Pin 13
D7	Pin 6
D8	Pin 12
D9	Pin 7
D10	Pin 11
D11	Pin 8
D12	Pin 10
A	Pin 9

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