

TETRODE LINEAR AMPLIFIER DESIGN SUITE

G2 1000 V MAX POWER SUPPLY & SAFETY TRIP

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REV 6b: NEW LAYOUT WITH SCHEMATIC SIMILAR TO REV 5a. ADDED FU2.

FOR G2 VOLTAGE < 600 V, DO NOT INSTALL C4, C5, R7, R8.
REPLACE C4 & C5 BY 2 STRAPS

CIRCUIT SIMPLE FACE DIMENSIONS 135 x 160 mm 164 TROUS

PCB SINGLE SIDE DIMENSIONS 5.3" x 6.3" 164 HOLES

FIXATION: 4 VIS M3, ENTRAXES 125 x 150 mm

FIXATION: 4 x M3 SCREWS, AXIS 125 x 150 mm

FOR Q1, USE TERMINAL BLOC 3 POLES (OR 2 x 2 POLES)

AND HV CABLES SHORTEST AS POSSIBLE

Q1 INSULATED FROM GROUND
USE LARGE HEATSINK (AIR COOLED)
 $R_{th} < 1.5 \text{ DegC/W}$

