

Mullard

DOUBLE DIODE OUTPUT PENTODE PEN40DD

Heater

Vf = 44 V

If = 0.2 A

Capacities

Cdd' = 0.25 μ F

Cdk = 3.1 μ F

Cd'k = 3.2 μ F

Oda = 0.2 μ F

Cd'a = 0.2 μ F

Cdgl = 0.08 μ F

Cd'gl = 0.08 μ F

Cagl = 1.0 μ F

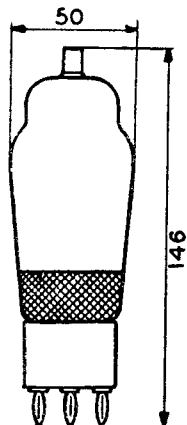
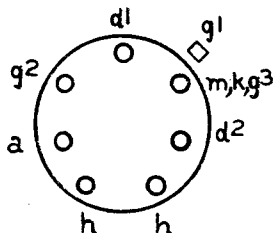
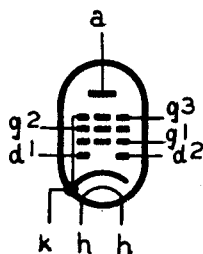
Cak = 8.4 μ F

Cglk = 9.8 μ F

Operating Conditions as Class A Amplifier

Va	200 V
Vg2	200 V
Ia	45 mA
-Vg1	8.5 V
Ig2	6 mA
Sw	8 mA/V
Ri	35,000 Ω
Wo	4 W
Ra	4,500 Ω
Vgleff	5 V
Vgleff (50 mW)	0.5 V
dtot	10 %
Rk	170 Ω

Arrangement of electrodes and base connections



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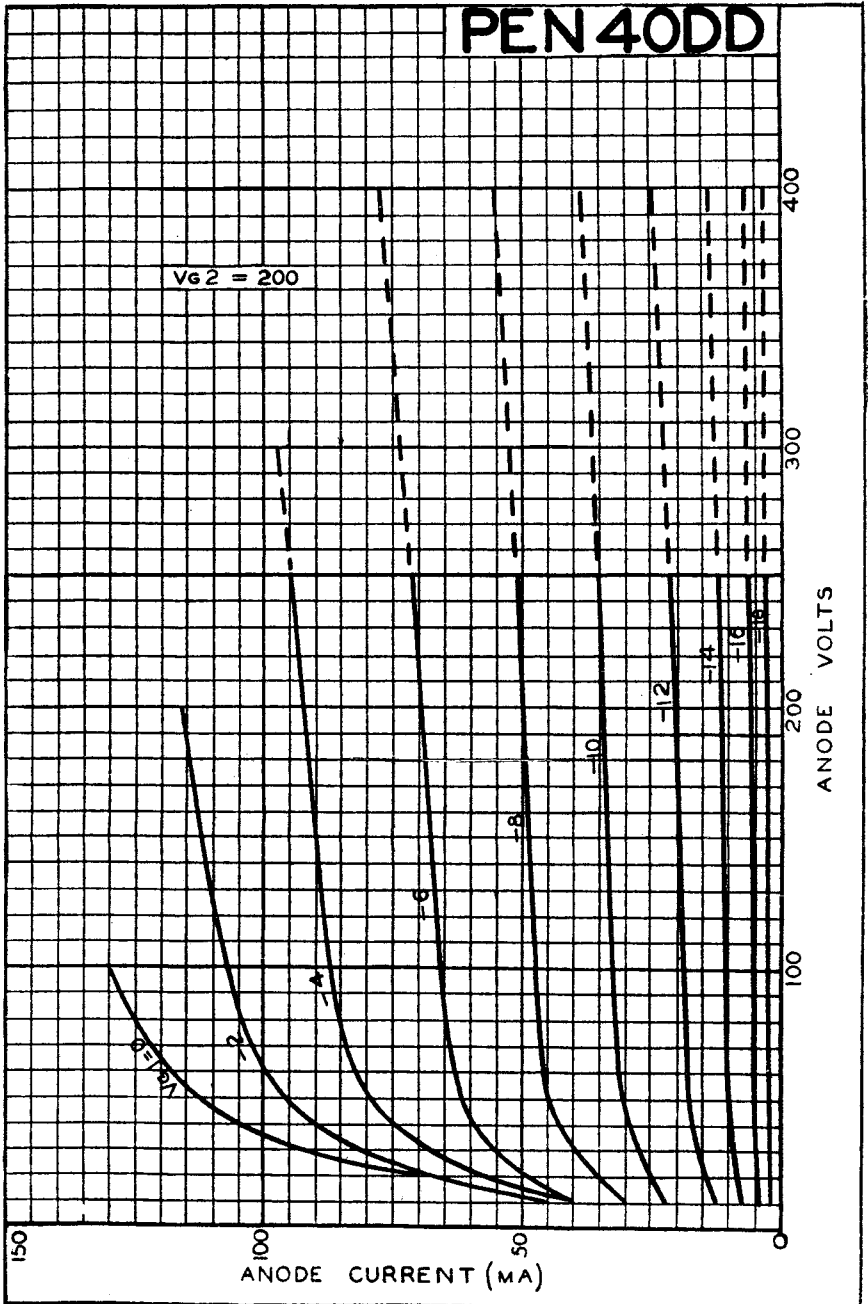
Limiting Values

Va max.....	250 V
Wa max.....	9 W
Ik max.....	70 mA
Vg2 max.....	250 V
Wg2 max.....	2 W
Rgla max.....	1.0M Ω
Vfk max.....	175 V
Rfk max.....	5,000 Ω
Vd max.....	200 V
Id max.....	0.8 mA
Vgl (Igl = 1.0 uA).....	-0.3 to -0.8 V

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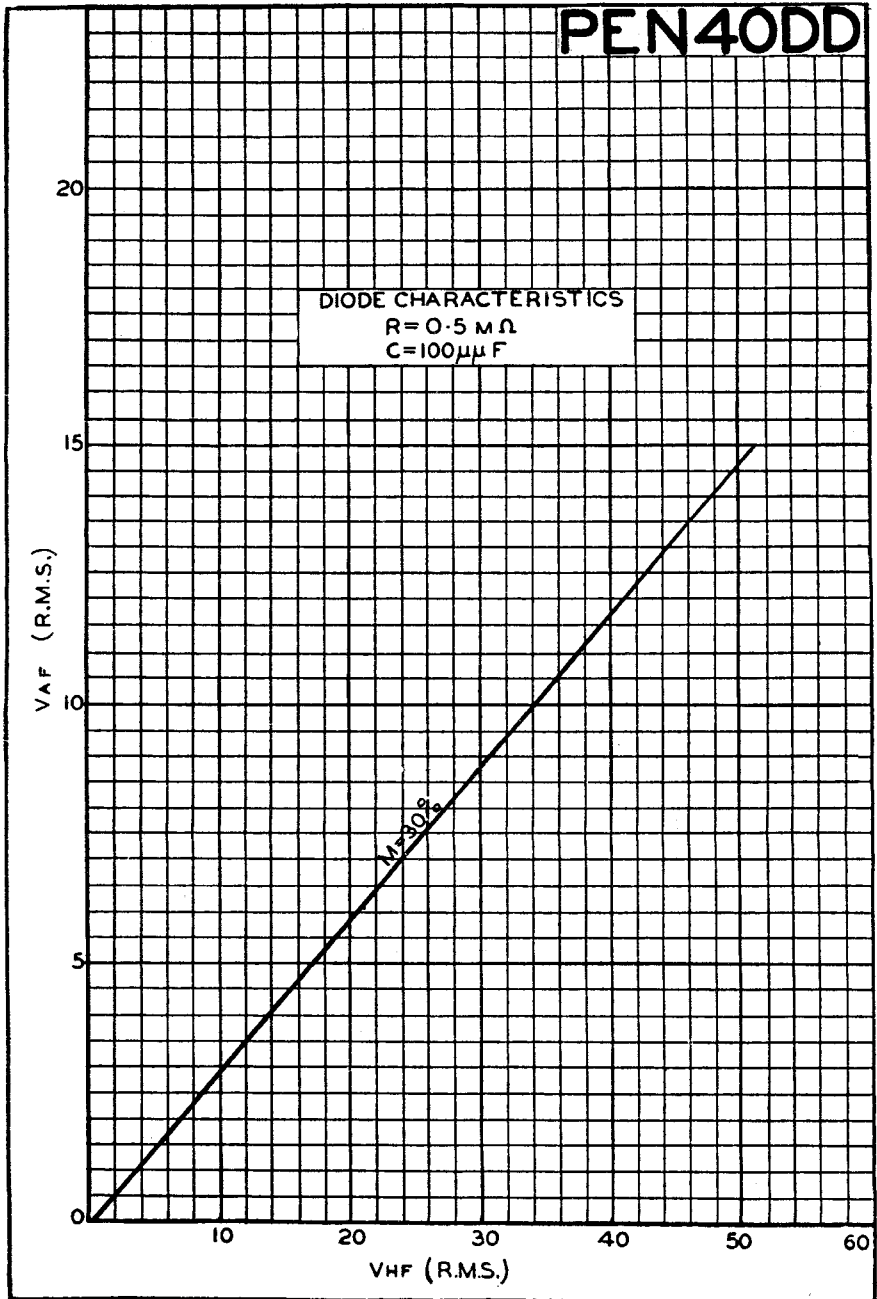
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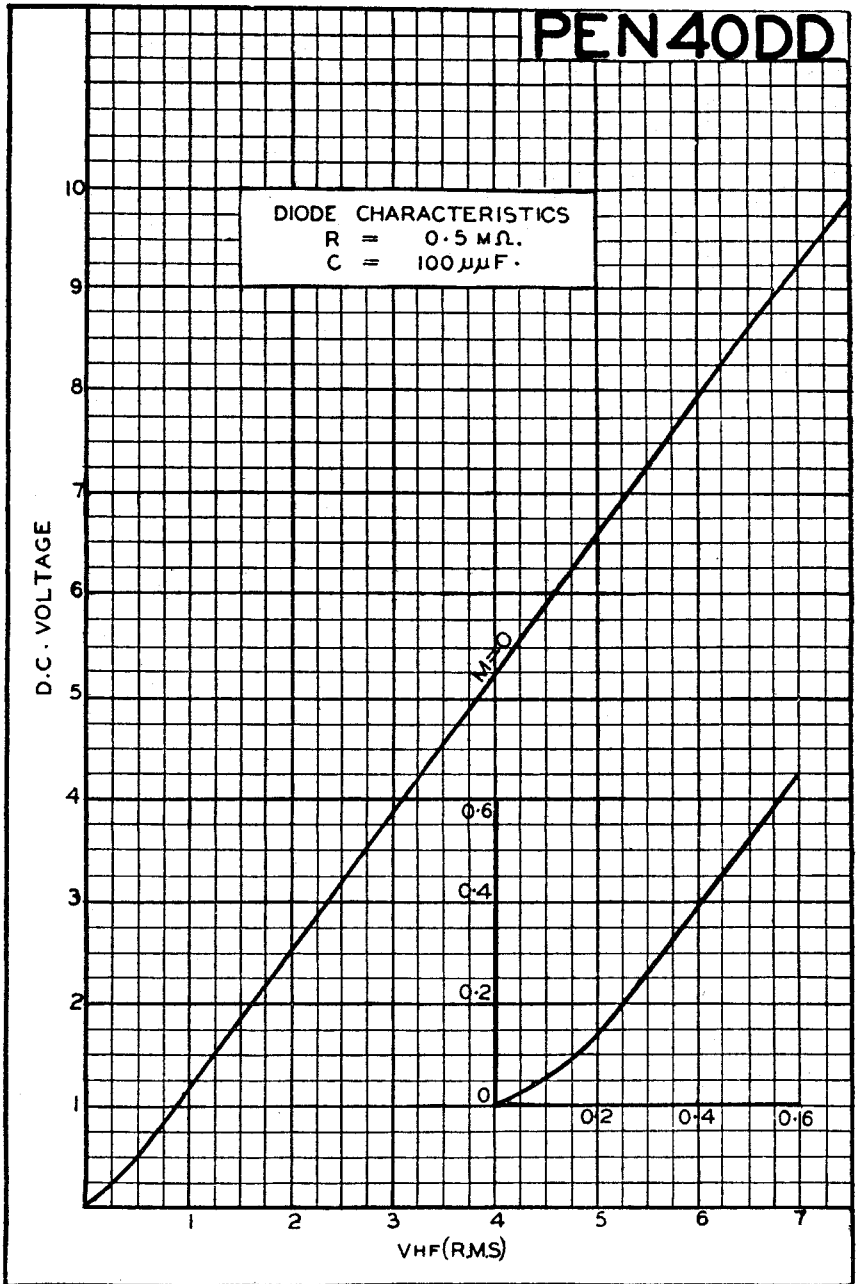
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