

"Miniwatt"

UL 41

Preliminary data

OUTPUT PENTODE

HEATER A.C./D.C. series supply

Vf = 45 V
If = 0,100 A

CAPACITIES

Ca = 9,3 pF
Cg1 = 12 pF
Cag1 = 0,5 pF

OPERATING CONDITIONS

Va	=	100	110	165	V
Vg2	=	100	110	165	V
Rk	=	140	140	140	Ω
Ia	=	32,5	34	54,5	mA
Ig2	=	5,5	5,8	9	mA
S	=	8,5	8,6	9,5	mA/V
Ri	=	20	20	20	kΩ
pglg2	=	10	10	10	
Ra	=	3	3	3	kΩ
Wo (d = 10%)	=	1,35	1,7	4,2	W
Vg1 (d = 10%)	=	4,0	4,4	6,2	Veff
Vg1 (Wo = 50 mW)	=	0,55	0,55	0,5	Veff

LIMITS

Vao	=	max.	550	V
Va	=	max.	250	V
Wa	=	max.	9	W
Vg2o	=	max.	550	V
Vg2	=	max.	250	V
Wg2	=	max.	1,5	W
Wg2 (Wo = max.)	=	max.	3	W
Ik	=	max.	75	mA
Vg1 (Igl = + 0,3 μA)	=	max.	-1,3	V
Rglk	=	max.	1	MΩ
Rfk	=	max.	20	kΩ
Vfk	=	max.	150	V

Electrode arrangement, electrode connections and max. dimensions in mm.



