

211 is direct-heated type thorium tungsten cathode triode, can be used as class A, B and C.

Heater

Uf-----10 V
If-----3.25 A

Direct Interelectrode Capacitances

input-----6 PF
output-----5.5 PF
grid to plate-----14.5 PF

Static parameter

Ua-----1250 V
—Ug-----70 V
Ia-----100 mA
Gm-----3.8 mA/V
u(当 Ia=75mA 时)-----12
RL-----7 KΩ
Pout-----10 W

Recommended Operating Conditions (reference value)

class A(A-F) for two tubes:

typical working condition limited parameter
Ua-----750 1000 1250 1250 V
Pa-----75 W
—Ug-----46 61 80 V
Ug(pk)-----41 56 75 V
Ia(0)-----34 53 60 mA
ri-----4.4 3.8 3.6 KΩ
RL-----8.8 7.6 9.2 KΩ
Pout-----5.6 12 19.7 W

Push-pull. class B(A-F)

typical working condition limited parameter
Ua-----1000 1250 1250 V
Ia (mAx.sig per tube)-----175 mA
Pa (in) (mAx.sig per tube)-----220 W
Pa (per tube)-----100 W
—Ug-----72 95 V
Ug(pk)-----380 410 V
Ia (0)-----20 20 mA
Ia (mAx.sig) -----320 320 mA
Pd(mAx.sig)-----7.5 8 W
RL(a—a)-----6.9 9 KΩ
Pout-----200 260 W

