

for asymmetrical operation with short overall length for low operating voltages

Application

low anode voltage indicator tube for asymmetrical operation

System Structure

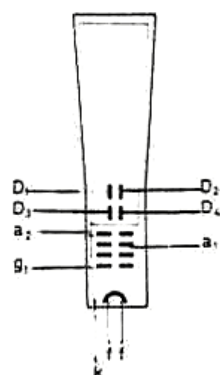
Arrangement of Electrodes:

Base Connections

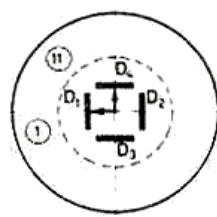
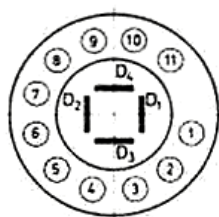
(bottom view)

Deflection

(viewed from screen end)



- 1 — f
- 2 — f
- 3 — g_1
- 4 — k
- 5 — a_1
- 6 — D_{34}
- 7 — D_{12}
- 8 — a_2
- 9 — D_{21}
- 10 — D_{11}
- 11 — i. c.



Deflection Method:
electrostatic, D_{12} asymmetrical (D_2 must be connected to a_2), D_{34} symmetrical

Focusing Method:
electrostatic

Base

Small-Button Unidecar, 11-pin, JETEC No. E11-22

Minimum Useful Screen
Diameter 60 mm

Heating

$U_f = 6.3 \text{ V}$
 $I_f = 300 \text{ mA}$

Maximum Ratings

$U_{a2} = 1 \text{ kV}$
 $U_{a1} = 0.4 \text{ kV}$

Typical Operation

$U_{a2} = 0.8 \text{ kV}$
 $U_{a1} = 0 \dots 180 \text{ V}$
 $U_{g1 \text{ cut off}} = 80 \dots 160 \text{ V}$
 $d_{12} = 36 \dots 44 \text{ V/cm}$
 $d_{34} = 24 \dots 30 \text{ V/cm}$

Accessories

Socket: VST 8

Metallic Shield: ART-K411