

4 VALVE DATA PREFERRED TYPES

C DIODES AND DOUBLE DIODES

EA 50 Miniature diode

HEATER

V_b 6.3 V I_b 0.15 A Suitable for A.C. mains operation

CAPACITANCE

C_{a-k} 2.1 μF

LIMITING VALUES



V_b max.
 I_a max.
 V_{b-k} max.

50 V
5.0 mA
50 V

BASE :
B3G

DIMENSIONS :

L=49mm
D=12 mm

EB 34 Double diode (separate cathodes). Internally screened between sections

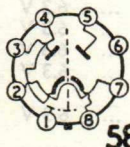
HEATER

V_b 6.3 V I_b 0.2 A Suitable for series or parallel operation

CAPACITANCES

C_{ad-k} (each section) 4.5 μF
 C_{ad-ad} 0.5 μF

LIMITING VALUES



V_{ad} max. 200 V
 V_{ad} max. 200 V
 I_{ad} max. 0.8 mA
 I_{ad} max. 0.8 mA
 V_{b-k} max. 75 V
 V_{b-k} max. 75 V
 V_{ad} max. ($I_{ad} = +0.3 \mu A$) -1.3 V
 V_{ad} max. ($I_{ad} = +0.3 \mu A$) -1.3 V
 V_{k-k} max. 50 V

BASE :
Octal

DIMENSIONS :

L=82 mm
D=36 mm

EB 41 Double diode (separate cathodes). Internally screened and screened between sections

HEATER

V_b 6.3 V I_b 0.3 A Suitable for series or parallel operation

CAPACITANCES

C_{ad-ad} <0.03 μF
 C_{k-all} (each section) 4.0 μF
 C_{ad-k} (each section) 0.01 μF



LIMITING VALUES

Each section

EB 41
(contd.)



V_{ad} max.	150	V
I_{ad} max.	9	mA
$I_{ad(pk)}$ max.	54	mA
V_{b-k} max.	300	V
V_{ad} ($I_{ad} = +0.3 \mu A$)	-1.3	V

BASE :
B8A

DIMENSIONS :
L=60 mm
D=22 mm

Miniature double diode (separate cathodes). Internally screened between sections

EB 91

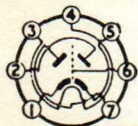
HEATER

V_h 6.3 V I_h 0.3 A Suitable for series or parallel operation

CAPACITANCES

$C_{ad-k+h+s}$ (each section)	3.0	μF
$C_{k-ad+h+s}$ (each section)	3.4	μF
$C_{ad-ad'}$	<0.025	μF

LIMITING VALUES



p_{iv} max.	420	V
I_{ad} max.	9	mA
$I_{ad(pk)}$ max.	54	mA
V_{ad} max. ($I_{ad} = 0.3 \mu A$)	-1.3	V
V_{b-k} (pk)	330	V

BASE :
B7G

DIMENSIONS :
L=55 mm
D=19 mm

Double diode with separate cathodes. Internally screened and screened between sections

UB41

HEATER

V_h 19 V I_h 0.1 A Suitable for series operation, A.C. or D.C.

CAPACITANCES

$C_{ad'-C_{ad}}$	<0.03	μF
C_{ad-all} (each section)	4	μF
C_{ad-k} (each section)	0.01	μF

LIMITING VALUES

Each Section



V_{ad} max.	150	V
I_{ad} max.	9	mA
$I_{ad(pk)}$ max.	54	mA
V_{ad} max. ($I_{ad} = +0.3 \mu A$)	-1.3	V
V_{b-k} max.	300	V

BASE :
B8A

DIMENSIONS :
L=60 mm
D=22 mm