MINISTRY OF SUPPLY (D.C.D.)

VALVE ELECTRONIC (VU33)

CV1033

Specification MAP/CV1033/Issue 6 Dated 5.2.47. To be read in conjunction with K1001.	SECURITY Specification: RESTRICTED Valve: RESTRICTED

→ Indicates a change

TYPE OF VALVE - Diode

CATHODE - Directly heated, oxide coated

ENVELOPE - Glass-unmetallised

MARKING

See K1001/4

RATING

			Note
Filament Voltage	(V)	2.0	A
Filament Current	(A)	0.4	A

BASE

B4

Pin	Electrode
1	Anode or Anode + grid in parallel.
2	No connection
3	Filament negative (See Note B)
4	Filament positive

DIMENSIONS

See K1001/AI/D1

Dimension		Min.	Max.
A	(mm)	-	111
B	(mm)	-	44
C	(mm)	-	36

NOTES

A. Filament supplied from 2.0V. battery through an external resistance of 0.75 Ω .

B. If additional bias is necessary a resistance of 0.25 Ω may be included in the filament negative lead in the base.

This valve is obsolete and this specification is for record purposes only.

To be performed in addition to those applicable in K1001

	Test Conditions		Test	Limits		No. Tested	Note
	Vf	Va		Min.	Max.		
a	2.0	0	If (A)	.36	.44	100% or S	1
b	2.0	Anode connected to filament battery negative	Ia (/uA)	-	2.0	100%	1
ci	2.0	10	Ia (mA)	20	-		
ii	2.0	20	Ia (mA)	60	-	100%	1
iii	2.0	30	Ia (mA)	100	-		

NOTE

1 :- Filament supplied from a 2.0v battery with a .75 Ω external resistance in negative lead.