SPECIFICATION MOS/CV.65/Issue 4
Dated 5-9-47

AMENDMENT No. 1

Page 2 Clause e Reverse Ig.

Delete 0.1μA
Insert 1.0μA

July 1961

Signals Research and Development Establishment

N 72373

MINISTRY OF SUPPLY (S.R.D.E.)

VALVE ELECTRONIC CV65

Specification: MOS/CV65/Issue 4 Dated:- 5.9.47 To be read in conjunction with K1001	SECURITY Specification: Restricted Valve: Unclassified

→ indicates a change

TYPE OF VALVE:- Output Pentode
CATHODE:- Directly Heated
ENVELOPE:- Glass Unmetallised
PROTOTYPE:- Pen.25

MARKING

See K1001/4 ←

RATING			Note
Filament voltage	(V)	2.0	
Filament current	(A)	0.15	
Max. anode voltage	(V)	150	
Max. screen voltage	(V)	150	
Anode current	(mA)	5.0	A
Screen current	(mA)	1.0	A
Mutual conductance	(mA/V)	4.5	B

BASE
MO 6-Pin

Pin	Electrode
1	Filament -ve
2	Omitted
3	Anode
4	Screen grid
5	Control grid
6	No connection
7	Omitted
8	Filament +ve

NOTES

A. Measured at Va = 120, Vg2 = 120, Vg1 = -3.6
B. Measured at Va = 100, Vg2 = 100, Vg1 = 0.

DIMENSIONS
See K1001/AI/D1

Dimension	Min.	Max.
A mm.	80	89
B mm.	-	33

TESTS

To be performed in addition to those applicable in K1001

	Test Conditions				Test	Limits		No. Tested
	Vf	Va	Vg2	Vg1		Min.	Max.	
a	2.0	-	-	-	If (A)	0.14	0.172	100% or S
b	2.0	120	120	-3.6	Ia (mA)	3.3	6.6	100%
c	2.0	120	120	-3.6	Ig2 (mA)	-	1.7	1% (20)
d	2.0	120	120	-3.6 to 0	Ia rise (mA)	12.0	-	100%
e	2.0	120	120	-3.6	Rev. Ig (μA)	-	0.1	100%
f	2.0	120	120	-11	Ia cut-off (mA)	-	0.1	1% (20)