MINISTRY OF SUPPLY - A.E.R.E. VALVE ELECTRONIC **CV2288**

Specification MOS/CV.2288. Issue 2 Dated 1-11-53. To be read in conjunction with K.1001 ignoring clause 5.2.	SECURITY	
	Specification UNCLASSIFIED	Valve UNCLASSIFIED

TYPE OF VALVE - Sub-miniature output pentode

CATHODE - Directly heated

ENVELOPE - Unmetallised Glass

PROTOTYPE - D.L.66

MARKING

See K.1001/4

BASE

See drawing on page 2

CONNECTIONS

See drawing on page 2

DIMENSIONS

See drawing on page 2

RATING			Note
Filament Voltage	(V)	1.25	
Nominal Filament Current	(mA)	15.0	
Max. Anode Voltages	(V)	65.0	
Max. Screen Voltage	(V)	65.0	
Mutual Conductance	(μA/V)	350	A
Anode Impedance	(megohms)	0.3	A
Nominal Power Output	(mW)	2.5	A
Max. Cathode Current	(μA)	800	
Max. Anode Dissipation	(mW)	50	
CAPACITANCES (pF) (unscreened)			
C ag.		0.2	
C in.		2.5	
C out.		3.7	

NOTE

A. Measured with Va = Vg2 = 22.5 and Vg1 = 1.4
A sharp bend must not be made in any valve lead closer than 1.5-mm. to the glass seal and soldered joints in the leads must not be made closer than 5.0-mm. to the seal.

TESTS

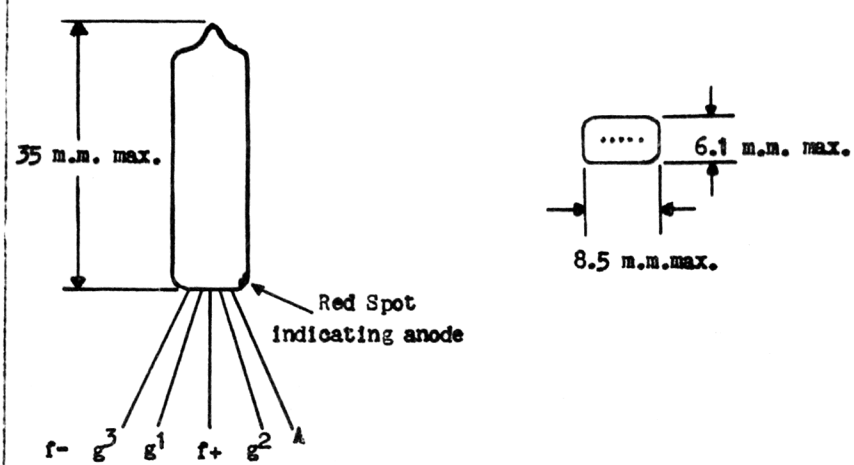
To be performed in addition to those applicable in K1001

	TEST CONDITIONS				TEST	LIMITS		NO. TESTED	NOTES
	Vf	Va	Vg2	Vg1		Min.	Max.		
a	1.25	-	-	-	If (mA)	-	16	100% or sample	-
b	1.25	30	30	-0.5	Ia (mA)	0.75	1.45	100%	-
c	1.25	30	30	-2.0	Ia (mA)	0.25	0.65	100%	-
d	1.25	30	30	-6.6	Ia (μA)	-	10	100%	1
e	1.25	30	30	-2.0	Rev.I_g (μA)	-	0.3	100%	2
f	1.1	30	30	-2.0	Slope (μA/V)	250	-	100%	-

NOTES

1. With 1.0 megohms resistor in series with anode.
2. With 0.1 megohms resistor in series with grid.

PIN CONNECTIONS AND OUTLINE DRAWING



Spacing of leads 1.3 m.m.

The leads shall be flexible 25-27 s.w.g. tinned, copper clad nickel iron wire, at least 32 mm. in length.