

VALVE ELECTRONIC

CV1268
(NU20)

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1268/Issue 4. Dated 18.7.47. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> Restricted	<u>Valve</u> Unclassified

<u>TYPE OF VALVE</u> :- Full-wave, high-vacuum rectifier. <u>CATHODE</u> :- Directly heated. <u>ENVELOPE</u> :- Glass, metallised. <u>PROTOTYPE</u> :- U50.	<u>MARKING</u>	
	See K1001/4.	
	<u>BASE</u> IO	
	See K1001/AIV/D3.	

<u>RATING</u>			Pin	Electrode
Filament Voltage (V)	5.0	Note	1	No connection
Filament Current (A)	2.0		2	Filament
Max. Anode Voltage Per Anode (R.M.S.) (V)	350	A	3	Pin omitted
Max. Mean D.C. Output (mA)	120		4	Anode
			5	Pin omitted
			6	Anode
			7	Pin omitted
			8	Filament

<u>NOTE</u> A. For full-wave rectification with condenser input to filter, max. capacity = 32 μ F.	<u>DIMENSIONS</u>		
	See K1001/AI/D1.		
	Dimension	Min.	Max.
	A mm	-	120
B mm	-	46	
	<u>PACKAGING</u>		
	See K1005		

TESTS

To be performed in addition to those applicable in K1001.

	<u>Test Conditions</u>			Test	<u>Limits</u>		No. Tested
	Vf (V)	Ia1 (mA)	Ia2 (mA)		Min.	Max.	
a	5.0			If (A)	1.75	2.25	100%
b	5.0	150	150	Va1 = Va2 (V)	44	80	100%
c	Valve operated under condition as specified in 'b' for 5 minutes.			Operation Test	Valve must operate satisfactorily without sign of deterioration.		1% (20)