VALVE ELECTRONIC CV53

ADMIRALTY SIGNAL ESTABLISHMENT

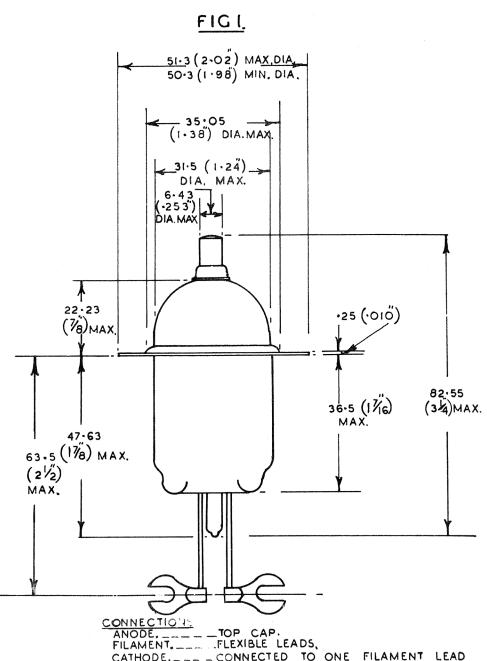
Specification AD/CV53/Is	SECURITY										
Dated 10.3.47.	Specn. Valve										
To be read in conjunction	Research as benefit.	Unclassified									
ignoring clauses:- 5.2	Unclass	Carrier on the best of the carrier o									
Seal of the season of the seas											
TYPE OF VALVE: UHF triode with grounded grid.			MARKING								
CATHODE:- Indirec	Indirectly heated.			BUB TEN LIVE							
	Oxide coated on one										
	mly. Ca	9									
	strapped to one			See K1001/4.							
heater	heater lead.										
ENVELOPE:- Glass,	unmetall	ised.									
PROTOTYPE:- S26A.	en weeks en skriven beskriven oan de skriven beskriven b	s en skap en klann disk er ikkin mytholog	Shing Shingham Bear deem into 1984 ARTS a SCHOOL SHIP SHIP SHIP TO BE FAME								
RATING											
Name of the last o		Note	DIMENSIONS								
Meater Voltage (V)	4.0	ultiguitification expension	AND CON	NECTIONS							
Heater Current (A)	0.65										
Max. Anode Voltage (V)	350		Con Til n 4								
Grid Autobias			See Fig.1.								
Resistance (Ohms)	150										
Max. Anode Dissipation (W)	2	A									
Dissipation (W) Amplification	~	ъ.	MAMA								
Factor	100	В	NOTES								
Mutual Conductance			A ggan a u								
(mA/∜)	5	B	A. With adequate								
Operating Frequency			coolin	g.							
(Mc/s)	50-450		B. At Vh =	4.0 V.							
The district of the second control of the se				50 V , Vg							
				as resistance =							
CAPACITANCES (pf.)	New Circles and Control of the Contr		150 ohms.								
Cag	1.7										
Cgo	4.0			According to the							
Cac	0.035		PA	CKING							
			See K1001/7.								
				(NTC Z /). /2							
				CV53/4/i.							

CV53

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions		itions	gin a maghung nagbungkungkungkungkungkungkungkungkungkungk	Limits		No.
	Vh (V)	Va (V)	v g (v)	Test	Min.	Max.	Tested
a	4.0	0 -	0	Ih (A)	0.575	0.725	100%
ъ	4.0	250	auto-	Ia (mA)	3.75	9.0	100%
С	4.0	250	bias	Slope (Dynamic measurement) (mA/V)	4.5	carp	100%
đ	4.0	250	150 (ohms)	Amplification factor (Dynamic measurement)	85	ensis	100%
е	4.0	300	1	Reverse Ig (NA)	cons	1.0	100%
f	0	0	0	Capacitances (pF.)		-	
	With valve cold and earthed		a cold	i. Cag		1.9	6
ALL CONTROL OF THE CO			hed	ii. Cgc	3.0	5.5	per week
	shield around bulb.			iii. Cac		0.045	T.A.
g	app	e tes roved aratu		Equivalent noise Resistance (ohms)	200	700	100%



FILAMENT. FLEXIBLE LEADS,
CATHODE. CONNECTED TO ONE FILAMENT LEAD
THE SPADE ON THIS LEAD TO BE
PAINTED RED.

ALL DIMENSIONS ARE IN MILLIMETRES, EXCEPT WHERE OTHERWISE STATED.