

VALVE ELECTRONIC

# CV4517

MINISTRY OF AVIATION - D.,L.,R.,D.,(T)

Specification MOA/CV4517 Issue 2 dated 25th August 1960 To be read in conjunction with K.1001, B.S.448 and B.S.1409	<u>SECURITY</u>	
	<u>Specification</u>	<u>Valve</u>
	UNCLASSIFIED	UNCLASSIFIED

—————> Indicates a change

TYPE OF VALVE - Reliable Sub-Miniature H.F. Pentode with Flying Leads  CATHODE - Indirectly-heated  ENVELOPE - Glass  PROTOTYPE - CV4501, VX7517C, VX8121K	<u>MARKING</u>											
	See K.1001/4											
	<u>BASE</u>											
	See B.S.448/B8D/F/1.1											
<u>RATINGS, NOTES AND DIMENSIONS</u>  As Specification MOA/CV4501, Issue 2 dated 23.5.60 modified as follows:  <u>INSERT:-</u>  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Max. Positive Suppressor Voltage (V)</td> <td style="width: 10%; text-align: center;">0</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">Note</td> <td style="width: 20%;"></td> </tr> <tr> <td>Max. Negative Suppressor Voltage (V)</td> <td style="text-align: center;">100</td> <td></td> <td></td> <td></td> </tr> </table> <p style="text-align: center;"><u>Typical Operating Conditions</u></p> <u>INSERT:-</u> Vg3 = 0	Max. Positive Suppressor Voltage (V)	0		Note		Max. Negative Suppressor Voltage (V)	100				<u>CONNECTIONS</u>	
	Max. Positive Suppressor Voltage (V)	0		Note								
Max. Negative Suppressor Voltage (V)	100											
	Lead	Electrode										
	1	Grid g <sup>1</sup>										
	2	Supp. Sh. g <sup>3</sup> + s.										
	3	Heater h										
	4	Supp. Sh. g <sup>3</sup> + s										
	5	Anode a										
	6	Heater h										
	7	Screen g <sup>2</sup>										
	8	Cathode k										
	<u>MOUNTING POSITION</u>											
	Any											
	<u>TYPE APPROVAL</u>											
	See K1001/15 Minimum quantity for submission 225 See Note G											
	<u>APPLICATIONS DATA</u>											
	Issue 1 - See section following Page 2  1											

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## TESTS

As Specification MDA/CV.4501 Issue 2 dated 23.5.60,  
modified as follows:-

TEST CONDITIONS - UNLESS OTHERWISE SPECIFIED.												
INSERT:- Vg3(V) 0												
K1001	TEST	TEST CONDITIONS	AQL %	INSP LEVEL	SYMBOL	LIMITS						UNITS
						MIN	LAL	BOGEY	UAL	MAX	ALD	
	<u>GROUP A</u> Insulation INSERT:-	Vg3 - all - - 100V		100%	R	200	-	-	-	-	-	M
AVI/5.3	<u>GROUP F</u> Intermittent Life Test Point 200 hours Insulation INSERT:-	Vg3 - all - - 100V			R	100	-	-	-	-	-	M

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# APPLICATIONS DATA

FOR  
VALVE TYPE  
CV4517

This information is intended for the guidance of users and  
does not form part of the procurement specification

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ISSUED BY:-  
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Applications Data for CV4501 applies also to CV4517 except for Page 30 (Input Resistance versus Frequency) which is replaced by this curve.

