

VALVE ELECTRONIC

CV4518

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

Specification MOA/CV4518	<u>SECURITY</u>	
Issue 2 dated 25th August 1960	<u>Specification</u>	<u>Valve</u>
To be read in conjunction with K.1001, B.S.448 and B.S.1409	UNCLASSIFIED	UNCLASSIFIED

—————→ Indicates a change

TYPE OF VALVE - Reliable Sub-Miniature Variable- μ . H.F. Pentode with Flying Leads			<u>MARKING</u> See K.1001/4	
CATHODE - Indirectly-heated			<u>BASE</u> See B.S.448/B&D/F/1.1	
ENVELOPE - Glass				
PROTOTYPE - CV4506, VX7518C				
<u>RATINGS, NOTES AND DIMENSIONS</u>			<u>CONNECTIONS</u>	
As Specification MOA/CV4506, Issue 2 dated 24.8.60 modified as follows:- <u>INSERT:-</u> Max. Positive Suppressor Voltage (V) 0 Max. Negative Suppressor Voltage (V) 100 <u>Typical Operating Conditions</u> <u>INSERT:-</u> Vg3 = 0			Lead	Electrode
			1	Grid g1
			2	Supp. Sh. g3 + s
			3	Heater h
			4	Supp. Sh. g3 + s
			5	Anode a
			6	Heater h
			7	Screen g2
			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 7 of Specification for CV4506		

Z.21471.

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TESTS

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As Specification MDA/CV4506, Issue 2 Dated 24.8.60,
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	
	GROUP A Insulation INSERT:-	Vg3 - all = - 100V		100%	R	200	-	-	-	-	-	M
AVI/5.3	GROUP F Intermittent Life Test Point 200 hours Insulation INSERT:-	Vg3 - all = - 100V			R	100	-	-	-	-	-	M