

MINISTRY OF AVIATION - DLRD/RRE.

VALVE ELECTRONIC
SEMICONDUCTOR DEVICE

CV4073-74
CV4077-78

Specification MOA/CV4073-74, CV4077-78 Issue 1A dated 16.5.61. To be used in conjunction with K1007	<u>SECURITY</u>	
	Specification Unclassified	Valve Unclassified

<u>TYPE OF DEVICE</u> - Silicon Junction Diode <u>CONSTRUCTION</u> - Single ended. Metal Can. <u>PROTOTYPE</u> - SX641, SX642, SX643, SX644: ZS10, ZS20, ZS21, ZS22: CV2384, CV2413: VX3256, VX1520.	<u>MARKING</u>
	See K1007/4. CV number and Polarity marking. Red Dot denoting Cathode.

<u>RATING</u>	Note	<u>DIMENSIONS</u>
All limiting values are absolute.		See K1007/A1/D6A K1007/A1/D6B

<u>MOUNTING POSITION</u>
Any
<u>PACKAGING</u>
See K1007/14. The date code shall appear on multiple packs of 100 or more. The manufacturer's code to appear on individual packs.

Max.Reverse Voltage (P.I.V) CV4073	(V)	60	
CV4074	(V)	120	
CV4077	(V)	200	
CV4078	(V)	300	
Max. Dissipation at 75°C	(mW)	150	A
Max. Forward Current at 25°C	(mA)	100	A
Max. Forward Current at 100°C	(mA)	60	A
Max. Rectified A.C. Current at 25°C	(mA)	80	B
Max. Reverse Current at 25°C			
CV4073-74	(μ A)	0.1	C
CV4077-78	(μ A)	0.5	C
Max. Reverse Current at 100°C	(μ A)	10	C
Max. Ambient temperature range	(°C)	-55 to +150	
Max. Continuous Vibration	(g)	10	
Max. Shock	(g)	500	
Max. Capacitance - CV4073-74	(pF)	5	
CV4077-78	(pF)	3	

<u>NOTES</u>
A. See derating curve Figure 1. Page 2.
B. See Figure 2. Page 2. Mean rectified current from 50 c/s A.C. into a resistive or inductive load at maximum P.I.V.
C. At maximum P.I.V.

CV4073-4
CV4077-8

DISSIPATION DERATING CURVES
ABSOLUTE MAXIMUM VALVES

FIG. 2.

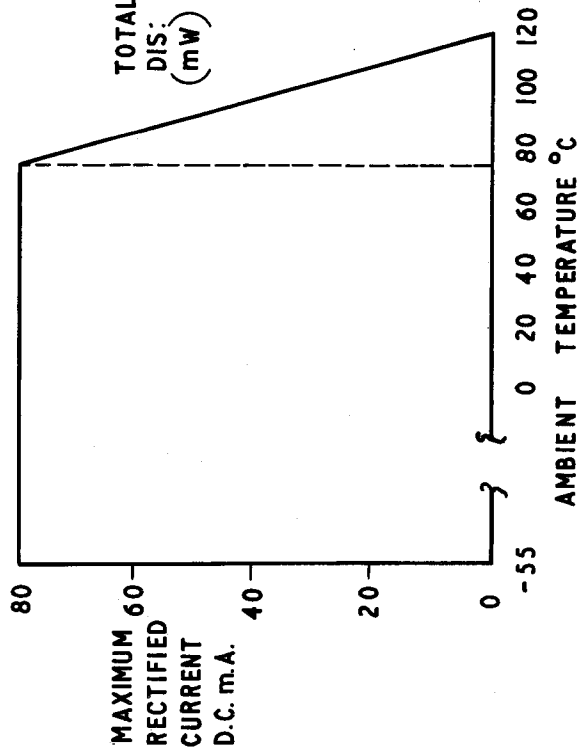


FIG. 1.

