

Specification MOS/CV2384 Issue 3 Dated 20th July 1959 To be read in conjunction with K1001	<u>SECURITY</u>	
	<u>Specification</u> UNCLASSIFIED	<u>Valve</u> UNCLASSIFIED

Indicates a change ←

TYPE OF VALVE - Silicon Junction diode	<p style="text-align: center;"><u>MARKING</u></p> C.V. Number Polarity marking and where practicable factory and date code. See K1001/4																																	
<p style="text-align: center;"><u>RATINGS</u> ALL LIMITING VALUES ARE ABSOLUTE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></th> <th style="width: 10%;"></th> <th style="width: 20%; text-align: center;">Note</th> </tr> </thead> <tbody> <tr> <td>Max. Reverse Working Voltage (V)</td> <td style="text-align: center;">60</td> <td></td> </tr> <tr> <td>Max. Dissipation at temperature up to 75°C (mW)</td> <td style="text-align: center;">150</td> <td></td> </tr> <tr> <td>Max. Dissipation at 100°C (mW)</td> <td style="text-align: center;">100</td> <td></td> </tr> <tr> <td>Max. Forward D.C. Current at 25°C (mA)</td> <td style="text-align: center;">100</td> <td></td> </tr> <tr> <td>Max. Forward D.C. Current at 100°C (mA)</td> <td style="text-align: center;">60</td> <td></td> </tr> <tr> <td>Max. rectified A.C. Current at 25°C (mA)</td> <td style="text-align: center;">80</td> <td style="text-align: center;">A</td> </tr> <tr> <td>Max. rectified A.C. Current at 100°C (mA)</td> <td style="text-align: center;">45</td> <td style="text-align: center;">A</td> </tr> <tr> <td>Max. reverse current at 25°C (µA)</td> <td style="text-align: center;">0.1</td> <td style="text-align: center;">B</td> </tr> <tr> <td>Max. reverse current at 100°C (µA)</td> <td style="text-align: center;">10</td> <td style="text-align: center;">B</td> </tr> <tr> <td>Max. Ambient Temperature rating -40°C to +150°C</td> <td></td> <td style="text-align: center;">C</td> </tr> </tbody> </table>			Note	Max. Reverse Working Voltage (V)	60		Max. Dissipation at temperature up to 75°C (mW)	150		Max. Dissipation at 100°C (mW)	100		Max. Forward D.C. Current at 25°C (mA)	100		Max. Forward D.C. Current at 100°C (mA)	60		Max. rectified A.C. Current at 25°C (mA)	80	A	Max. rectified A.C. Current at 100°C (mA)	45	A	Max. reverse current at 25°C (µA)	0.1	B	Max. reverse current at 100°C (µA)	10	B	Max. Ambient Temperature rating -40°C to +150°C		C	<p style="text-align: center;"><u>DIMENSIONS</u></p> See specification CV 4073
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<p style="text-align: center;"><u>NOTES</u></p> A. Mean rectified current from 50 c/s A.C. 60 volt peak into a resistive or inductive load. B. Applied voltage - 60V C. At ambient temperature in excess of 75°C the ratings for dissipation, forward D.C. current and rectified A.C. current decrease linearly with temperature, reducing to zero in each case at an ambient of 150°C.																																		
<p style="text-align: center;"><u>TESTS</u></p> For all purposes the tests specified in the current specification MOS/CV4073 shall apply.																																		

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