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BS 9300
C199-276
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Electronic parts of assessed quality —

Silicon voltage-regulator diodes

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 10 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd. No.	Date	Comments

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1. **Specifications CV7199-7276 Issue 1 dated 1 May 1963 with their existing amendments which are reproduced below are hereby adopted as BS 9300 C199-276.**

2. Devices inspected, released and supplied to this specification shall be marked CV7199-CV7276 as appropriate and where applicable, with the letters KB.

3. The references to "Military specification", "Commercial equivalents", "Reliability assurance provisions" or requirements and "Preparation for delivery" shall be disregarded.

4. In the Groups A, B and C inspection tables the references in the "K1007/NATO Ref" column shall be superseded by the appropriate reference given in BS 9300 Appendix C (Tables 1 to 5 inclusive).

5. Additional requirements not covered by BS 9300 Appendix C are:

Pages 4 and 5. Delete "Joint Service Catalogue Numbers" and substitute
"NATO stock numbers".

Against each CV type number, delete "5960" and substitute "5961".

"NATO stock numbers".

Against each CV type number, delete "5960" and substitute "5961".

6. Published amendments (consolidated)

General. Delete all references to CV7193 to CV7198 inclusive.

Page 3. Column 4.

Delete heading and substitute "S_z nom."

Page 10. Typical Assembly.

Delete "All metal parts to be tinned" and substitute

"All metal parts to be tinned or zinc plated and chromate passivated."

Military specification**CV7193-7276****Semiconductor device**

Description:— This specification covers the detail requirements for Silicon Voltage — regulator Diodes, and is in accordance with K1007, except as otherwise specified.

Mechanical Dimensions and Outlines:— K1007, Section B, **10.3.3.2** (10-32 UNF 2A thread).

Connections:— CV7193-7234, Stud Anode
CV7235-7276, Stud Cathode

Absolute Maximum Ratings:—

Rating	P _{tot}	T _{stud}	T _{opr}	T _{stg}	Shock	Vibration	
Unit	W	°C	°C	°C	g	g	
Min.	—	—	− 55	− 55	—	—	
Max.	10	150	150	150	1 500	20	
Note	1				2		

NOTES:—

1. See derating curve Figure 1 page 9.
2. Duration 0.5 mS.