



ELECTRONIC TUBE REFERENCE

DCG1.5250

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Philips directly heated single-anode mercury-vapor rectifier; 4 V 2.5 A filament, 250 mA maximum average current and up to 4250 V inverse voltage under specified conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 2.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	4250 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	1.25 A



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

9999 Mixed D 2000

Published test conditions and operating points. Values on this page are preserved as reported by this source.

9999 MIXED D 2000

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Inverse Peak Voltage	4250 V	—
Maximum DC Output Current	250 mA	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker