ELECTRONIC TUBE REFERENCE

DA1575

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

Philips directly heated high-vacuum rectifier for moderate high-voltage DC supplies. Its 11 V filament supports approximately 800–1500 V RMS anode service and 50 mA mean rectified current.

General characteristics

BASE DESIGNATION	—	**BASE PINS**	—
NOMINAL HEATER	11 V / 6.5 A	**PARALLEL HEATER**	— / —
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Rectifier	
PLATE RESISTANCE	1200 Ω
MAXIMUM PLATE DISSIPATION	75 W
NOMINAL OUTPUT CURRENT	50 mA

Published ratings and characteristics promoted where a locked-schema field is semantically applicable; additional values retained as parameters.

Philips DA1575 is a directly heated high-vacuum rectifier with a 11 V, 6.5 A filament. Published service covers 800–1500 V RMS anode voltage and 50 mA mean rectified current, with 75 W allowable anode dissipation.

SOURCE OPERATING CONDITIONS

1999 Philips 0-D

SOURCE PDF

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

1999 PHILIPS 0-D

Section 1 · Rectifier

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Saturation current	300 mA	Published datasheet value
Saturation voltage	360 V	Published datasheet value
Internal resistance	1200 Ω	Published datasheet value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode dissipation	——75 W	Published datasheet value
RMS anode A.C. voltage range	800–1500 V	Published datasheet value
D.C. output voltage range	800–1500 V	Published datasheet value
Mean rectified D.C. current	——50 mA	Published datasheet value
Useful D.C. output power	50 W	Published datasheet value

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