ELECTRONIC TUBE REFERENCE

D0130

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

Indirectly heated high-voltage rectifier diode for rectifier and pulse circuits. Rated for approximately 30 kV peak inverse voltage and 100 mA nominal rectified current for demanding high-voltage electronic applications.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	5 V / 5 A	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Rectifier

MAXIMUM PLATE DISSIPATION	60 W
PEAK INVERSE VOLTAGE	30000 V
NOMINAL OUTPUT CURRENT	100 mA
PEAK FORWARD CURRENT	400 mA

Representative electrical section; repeated identical sections are compressed where applicable.

High-voltage rectifier diode intended for high-voltage rectifier circuits and pulse circuits.

SOURCE OPERATING CONDITIONS

196X Lamina

SOURCE PDF

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

196X LAMINA

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak forward current	**400 mA**	—
Maximum plate dissipation	**60 W**	—

TUBE TINKER

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