



ELECTRONIC TUBE REFERENCE

AG5006

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

AEG directly heated mercury-vapor half-wave rectifier for high-voltage industrial supplies, providing approximately 15 kV inverse-voltage capability and multi-ampere output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 10 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	15000 V
NOMINAL OUTPUT CURRENT	3 A
PEAK FORWARD CURRENT	12 A
FORWARD VOLTAGE DROP	14 V

Directly heated mercury-vapour rectifier diode.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 AEG

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

1953 AEG

Section 1 · Rectifier

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filling	Mercury vapour	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum surge current	12 A	0.1s