

ELECTRONIC TUBE REFERENCE

5DJ4

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
RECTIFIER-RECTIFIER

Directly heated high-vacuum full-wave power rectifier for demanding DC supplies. Its 5 V filament supports approximately 300 mA output, high inverse voltage, and substantial peak-current capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	5 V / 3 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1700 V
NOMINAL OUTPUT CURRENT	300 mA
PEAK FORWARD CURRENT	5 A
REDO: section-specific promoted ratings/characteristics populated from supplied datasheet.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1700 V
NOMINAL OUTPUT CURRENT	300 mA
PEAK FORWARD CURRENT	5 A
Second physical rectifier section; promoted electrical properties populated from identical section.	

5DJ4 is described in the supplied Tung-Sol datasheet as a directly heated high-vacuum power rectifier. The redo includes a substantive section-electrical extraction from ratings and characteristic tables.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	5 V	—
Heater current	3 A	—
Filter input choke	10 H	Rectifier service

1961 TUNG SOL

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	5 V	—
Heater current	3 A	—
Filter input choke	10 H	Rectifier service



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 1 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	5 V	Published rating
Heater/filament current	3 A	Published rating

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	1700 V	RectifierService
Maximum RMS plate supply voltage	600 V	RectifierService
Maximum steady-state peak plate current	1 A	EachPlate
Maximum transient peak plate current	5 A	EachPlate

1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

Section 2 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	5 V	Published rating
Heater/filament current	3 A	Published rating

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	1700 V	RectifierService
Maximum RMS plate supply voltage	600 V	RectifierService

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