ELECTRONIC TUBE REFERENCE

U54

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
RECTIFIER-RECTIFIER

Marconi indirectly heated bi-phase full-wave rectifier for capacitor-input supplies, providing approximately 250 mA nominal output with substantial inverse-voltage capability.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	5 V / 2.8 A	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Rectifier

PEAK INVERSE VOLTAGE	1600 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	1.5 A

SECTION2 Rectifier

PEAK INVERSE VOLTAGE	1600 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	1.5 A

Second physical rectifier section; electrical properties populated from applicable published ratings.

The Marconi U54 is a indirectly heated bi-phase rectifier for capacitor-input power supplies.

SOURCE OPERATING CONDITIONS

1955 Marconi

SOURCE PDF

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

1955 MARCONI

Section 1 · Rectifier

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater/filament voltage	**5 V**	—
Heater/filament current	**2.8 A**	—
Peak inverse voltage	**1600 V**	—
Nominal/maximum output current	**250 mA**	—
Peak anode current	**1.5 A**	—

CONSTRUCTION		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Rectifier topology	**Bi-phase/full-wave**	—

1955 MARCONI

Section 2 · Rectifier

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater/filament voltage	**5 V**	—
Heater/filament current	**2.8 A**	—
Peak inverse voltage	**1600 V**	—
Nominal/maximum output current	**250 mA**	—
Peak anode current	**1.5 A**	—

CONSTRUCTION		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Rectifier topology	**Bi-phase/full-wave**	—

Tube Tinker

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