ELECTRONIC TUBE REFERENCE

B2048

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
HEXODE

Hexode oscillator-modulator designed for radio frequency-conversion and modulation service.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	7
NOMINAL HEATER	20 V / 180 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Hexode

MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	175 V
MAXIMUM SCREEN DISSIPATION	0.4 W
MAXIMUM CATHODE CURRENT	15 mA

Published table ratings and electrical characteristics reviewed; ambiguous cells were not inferred.

B2048 is listed in the supplied tube table as a hexode oscillator-modulator. Published electrical values were transcribed from its target row.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1938 Philips Miniwatt Vacuum Tube Catalog

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

1938 PHILIPS MINIWATT VACUUM TUBE CATALOG

Section 1 · Hexode

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum plate voltage	**200 V**	Published table rating
Plate voltage	**200 V**	Published operating point
Screen voltage	**120 V**	Published operating point
Control-grid bias	**1.5 V**	Published operating point
Plate current	**3 mA**	Published operating point
Screen current	**8.5 mA**	Published operating point

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater/filament voltage	**20 V**	Published heater/filament rating
Heater/filament current	**180 mA**	Published heater/filament rating

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

SOURCE PDF

1999 Philips 0-D

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

1999 PHILIPS 0-D

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Average screen-grid current	**1.8 mA**	—

Tube Tinker

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and their source documents.

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