ELECTRONIC TUBE REFERENCE

ESU8008

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated mercury-vapor half-wave rectifier for high peak-inverse-voltage supplies. Its heavy filament and low arc voltage provide ampere-class industrial output.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	5 V / 7.8 A	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Rectifier

PEAK INVERSE VOLTAGE	10000 V
NOMINAL OUTPUT CURRENT	1.25 A
PEAK FORWARD CURRENT	8 A
FORWARD VOLTAGE DROP	10 V
WARM-UP TIME	60 s

Directly heated mercury-vapor rectifier for high peak-inverse-voltage service.

SOURCE OPERATING CONDITIONS

1960 Mazda

SOURCE PDF

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

1960 MAZDA

Section 1 · Rectifier

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Initial filament conditioning time	**15 min**	NoAnodeVoltage

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

1961 AEI Industrial Valves

SOURCE PDF

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

1961 AEI INDUSTRIAL VALVES

Section 1 · Rectifier

CONSTRUCTION		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Filling	**Mercury vapour**	—

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