



ELECTRONIC TUBE REFERENCE

GL5973

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

General Electric high-voltage half-wave rectifier and limiter tube providing approximately 75 kV inverse-voltage capability; operation above 16 kV carries an explicit X-ray shielding warning.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	850 W
PEAK INVERSE VOLTAGE	75000 V
NOMINAL OUTPUT CURRENT	1.25 A
PEAK FORWARD CURRENT	5 A
<i>High-voltage rectifier service; 40-kV-or-less average-current/dissipation column promoted. X-ray warning applies above 16 kV.</i>	

The GL-5973 is a high-voltage rectifier/limiter tube with a 75-kV peak-inverse-voltage rating and an explicit X-ray shielding warning for operation above 16 kV.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average Plate Current Above 40kV PIV	1 A	RectifierService
Average Plate Dissipation Above 40kV PIV	800 W	RectifierService
Limiter Peak Plate Current	20 A	LimiterService

TUBE TINKER

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