



ELECTRONIC TUBE REFERENCE

GL546

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Compact inert-gas shield-grid thyatron for control and relay applications where small size and low weight are important.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 0 Thyatron	
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM CATHODE CURRENT	20 mA
PEAK INVERSE VOLTAGE	500 V
<i>Inert-gas thyatron; forward/inverse peak anode ratings and average anode current promoted.</i>	

The GL-546 is an inert-gas-filled shield-grid thyatron whose small size and low weight suit compact control and relay applications.

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 0 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Instantaneous Anode Current	100 mA	—
Average Anode Current	20 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube Voltage Drop	15 V	Approximate