ELECTRONIC TUBE REFERENCE

GK41

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

> Cold-cathode gas triode for relay, trigger, timing, counting, or automatic control switching.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	– / –	**PARALLEL HEATER**	– / –
HEATING	Indirect; cold cathode	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

MAXIMUM PLATE VOLTAGE	140 V

Cold-cathode relay triode discharge section.

> The Ferranti GK41 is a miniature gas-filled cold-cathode triode designed for relay and pulse-control applications.

SOURCE OPERATING CONDITIONS

1963 Ferranti

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

1963 FERRANTI

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Anode Voltage	**140 V**	—
Maximum Peak Anode Current	**20 mA**	—
Maximum Grid/Trigger Current	**0.5 mA**	—
Typical Anode Voltage	**135 V**	—
Typical Static Bias	**70 V**	Positive
Typical Trigger Pulse Amplitude	**20 V**	Approximate/Maximum as source

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Trigger Voltage	**79-85 V**	—
Anode-Cathode Voltage Drop	**73 V**	Approximate
Minimum Transfer Current	**4uA minimum text**	—
Average Recovery Time	**0.0015 s**	—

Tube Tinker

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