



ELECTRONIC TUBE REFERENCE

TA543

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

NIXIE

Cold-cathode gas numerical display tube using ten superimposed numeral-shaped cathodes for direct electronic readout.

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

SECTION 1 Nixie

No fixed ratings recorded.

Cold-cathode numerical-display discharge structure.

The TA543 is a cold-cathode gas numerical display tube with ten superimposed digit-shaped cathodes for direct reading.

SOURCE OPERATING CONDITIONS

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Nixie

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Anode Supply Voltage	300 V	—
Maximum Cathode Current	15 mA	Per cathode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ignition Voltage Maximum	160 V	—
Cathode Current Minimum	10 mA	—
Cathode Current Maximum	14 mA	—

TUBE TINKER

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