



ELECTRONIC TUBE REFERENCE

Z560M

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
NIXIE

Gas-filled cold-cathode Nixie numerical indicator designed for decimal readout by selective glow discharge of shaped numeral cathodes.

GENERAL CHARACTERISTICS

BASE DESIGNATION	13-17 TGL 68-87	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	
MAXIMUM PLATE VOLTAGE	170 V
MAXIMUM CATHODE CURRENT	2.5 mA
<i>Cold-cathode display discharge system; cathode current and display characteristics published.</i>	

Z560M is a cold-cathode Nixie numerical/symbol indicator tube. The supplied RFT sheet gives 145 V ignition and 135 V burning voltage, a 170 V minimum operating supply, 1-2.5 mA cathode current, and 15.5 mm front-viewed symbols. Z560M is tabulated directly in the supplied RFT display-tube data sheet.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Nixie

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ignition voltage	145 V	Published ignition value
Burning voltage	135 V	Published glow-discharge value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode current	2 mA	Published operating value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 Nixie RFT

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

1971 NIXIE RFT

Section 1 · Nixie

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Ignition Voltage	145 V	Published RFT table
Anode Burning Voltage	135 V	Published RFT table
Anode Extinction Voltage	120 V	Published RFT table

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Operating Voltage	170 V	Published RFT table

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Cathode Current	1 mA	Published RFT table
Maximum Cathode Current	2.5 mA	Published RFT table
Peak Cathode Current	10 mA	Published RFT table
Minimum Ambient Temperature	-50 degC	Published RFT table
Maximum Ambient Temperature	70 degC	Published RFT table
Symbol Height	15.5 mm	Published RFT table
Maximum Viewing Distance	10 m	Published RFT table
Maximum Bulb Height	26.5 mm	Published RFT table
Maximum Bulb Diameter	30.1 mm	Published RFT table

TUBE TINKER

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