ELECTRONIC TUBE REFERENCE

CD26

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
NIXIE

Cold-cathode numerical or character indicator cross-referenced to RFT Z5600M, intended for direct glowing electronic readout.

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

SECTION1 Nixie	
MAXIMUM CATHODE CURRENT	2.5 mA
STARTING VOLTAGE	145 V
MAINTAINING VOLTAGE	135 V

Cold-cathode display section; promoted starting/maintaining voltages are anode striking/burning values published for comparable RFT type Z5600M.

CD26 is a cold-cathode numeric or character indicator tube listed in the supplied German comparison catalog as comparable to RFT type Z5600M. The catalog provides electrical and mechanical data for that RFT type, including anode striking, maintaining, and operating limits. The source cautions that comparable types are not necessarily electrically identical, so the mapped RFT values are retained as comparison data rather than asserted as exact original-manufacturer ratings.

SOURCE OPERATING CONDITIONS

1971 Nixie RFT

SOURCE PDF

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

1971 NIXIE RFT

Section 1 · Nixie

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Comparable RFT Type	**Z5600M**	Catalog cross-reference; comparable types are not guaranteed identical
Minimum Operating Supply Voltage	**170 V**	Published for comparable RFT type Z5600M
Cathode Current Minimum	**1 mA**	Published for comparable RFT type Z5600M
Cathode Current Maximum	**2.5 mA**	Published for comparable RFT type Z5600M
Peak Cathode Current	**10 mA**	Published for comparable RFT type Z5600M
Ambient Temperature Minimum	**-50 °C**	Published for comparable RFT type Z5600M
Ambient Temperature Maximum	**70 °C**	Published for comparable RFT type Z5600M
Symbol Height	**15.5 mm**	Published for comparable RFT type Z5600M
Maximum Viewing Distance	**10 m**	Published for comparable RFT type Z5600M
Maximum Bulb Height	**26.5 mm**	Published for comparable RFT type Z5600M
Maximum Bulb Diameter	**30.1 mm**	Published for comparable RFT type Z5600M

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Striking Voltage	**145 V**	Published for comparable RFT type Z5600M
Anode Maintaining Voltage	**135 V**	Published for comparable RFT type Z5600M
Anode Extinction Voltage	**120 V**	Published for comparable RFT type Z5600M