



ELECTRONIC TUBE REFERENCE

DG32

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Philips/Mullard DG-series cathode-ray instrument tube intended for oscillographic and measurement display, with manufacturer-defined electrostatic focusing, deflection, screen, and accelerating characteristics for type DG32.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 650 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray

No fixed ratings recorded.

Published electrical ratings and characteristics promoted where the locked schema provides a matching field; specialized CRT and operating data retained as section parameters.

Philips DG3-2 is a compact electrostatic electron-ray tube with a roughly 35 mm screen, designed for bright traces at only 500 to 800 V anode potential.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	500–800 V	Published datasheet value
Auxiliary anode voltage	150–200 V	Published datasheet value
Grid voltage	-35–0 V	Published datasheet value

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
First-pair deflection sensitivity	0.06–0.09 mm/V	Published datasheet value
Second-pair deflection sensitivity	0.04–0.06 mm/V	Published datasheet value
Grid-to-cathode capacitance	8.5 pF	Published datasheet value
First plate-pair capacitance	1.5 pF	Published datasheet value
Second plate-pair capacitance	1 pF	Published datasheet value
Screen diameter	35 mm	Published datasheet value

TUBE TINKER

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