

ELECTRONIC TUBE REFERENCE

5QP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch high-voltage cathode-ray display tube with magnetic beam deflection or focusing characteristics, designed for direct visual display with manufacturer-specified accelerating and grid-control ratings.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B5AN	BASE PINS	8
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	12000 V
MAXIMUM SCREEN VOLTAGE	2 V
Published ratings and characteristics promoted semantically from source.	

Five-inch magnetic-focus, magnetic-deflection direct-view cathode-ray tube for industrial applications, with reflective metal-backed P4 screen.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	12000 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Phosphor	P4	—
Focusing Method	Magnetic	—
Deflecting Method	Magnetic	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltageNominal	6.3 V	—
HeaterOrFilamentCurrentNominal	600 mA	—
AnodeVoltage12000MaxVoltsDC	12000 V	Published datasheet table

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GridNo2VoltageL10MaxVoltsDCValue1	2 V	Published datasheet table
GridNo2VoltageL10MaxVoltsDCValue2	0 V	Published datasheet table
GridNo1Voltage	1	Published datasheet table
DuringWarmUpPeriodNotToExceed15Seconds410MaxVoltsDCValue1	15 s	Published datasheet table
DuringWarmUpPeriodNotToExceed15Seconds410MaxVoltsDCValue2	410 s	Published datasheet table
AfterEquipmentWarmUpPerilod125MaxVoltsDC	125 V	Published datasheet table

TUBE TINKER

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