

Seven-inch P1 cathode-ray instrument tube for oscillographic or measurement display, with manufacturer-specified focusing, deflection, accelerating-voltage, and phosphor characteristics.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Cathode Ray
No fixed ratings recorded.
Promoted fields mapped by printed headings; additional data retained in parameters.

5-1/2-inch square dual-beam cathode-ray tube with electrostatic focus and deflection, spiral acceleration, improved deflection sensitivity, and an aluminized screen.

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
Diagonal 000000-oac0000iinn. « « +6=29/	32 in	Published datasheet line; semantic text-layer recovery
Width and Height 0000oucno000oc000 5«1/2 + 1/	16 in	Published datasheet line; semantic text-layer recovery
Minimum Useful Screen Dimensions (along tube axis) + o« o 41/	2 in	Published datasheet line; semantic text-layer recovery
each aligns with the D3D4 trace » « « s« « « « « « « +	10 deg	Published datasheet line; semantic text-layer recovery
Bulb Contact aligns with D3D4 trace « « « « ¢« ¢ = ¢« - « « +	10 deg	Published datasheet line; semantic text-layer recovery
D1D2 trace aligns with D3D4 trace « « v o ¢« = o« » ¢ « » 290 +	1 deg	Published datasheet line; semantic text-layer recovery
Corresponding traces of each gun align within « « « « + « . «	1 deg	Published datasheet line; semantic text-layer recovery
D1D2 trace aligns with bulb wall within « « « + « ¢« = « « + o	2 deg	Published datasheet line; semantic text-layer recovery
Post Accelerator Voltage o « « « o o o 2 ¢ o & « o e & 9	7500 V	Published datasheet line; semantic text-layer recovery
Focusing Electrode Voltage: « « ¢ ¢ = o o « o . U460 to	775 V	Published datasheet line; semantic text-layer recovery
Modulation #. o . °© a L] - - -3 & L] -3 L] o o o L4 L] « o+« + o o	16 V	Published datasheet line; semantic text-layer recovery
DL and D2 & = o o & « « « 60 to	83 V	Published datasheet line; semantic text-layer recovery

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DBar].qu'acona « o - 48 to	70 V	Published datasheet line; semantic text-layer recovery
and deflected horizontally +	2 in	Published datasheet line; semantic text-layer recovery

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