



ELECTRONIC TUBE REFERENCE

3QP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

North American Philips 3QP1 oscilloscope CRT with electrostatic focus and deflection, green medium-persistence P1 screen, 6.3 V 0.3 A heater and 1500 V maximum accelerating anode rating.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray**MAXIMUM PLATE VOLTAGE** 1500 V

North American Philips 3QP1 electrostatic-focus/deflection oscilloscope CRT with P1 green medium persistence screen. Max anode2 accelerating voltage 1500 V, anode1 focusing 700 V, negative control grid bias magnitude 125 V, heater-negative-to-cathode 125 V, grid resistor max 1.5 M Ω , deflection electrode circuit resistance max 3 M Ω . Typical Va2 800/1200 V, anode1 focus 200-320/240-380 V, grid cutoff -21 to -50/-31 to -74 V. D1-D2 deflection factors 143-193/214-290 V/in, D3-D4 ~90-121/133-181 V/in. Approx capacitances pF: cathode-all ~10 (OCR ambiguous), grid-all 9, D1-D2 2, D3-D4 2, D1 excluding D2 7, D2 excluding D1 7, D3 excluding D4 5, D4 excluding D3 6. 9-pin loctal, basing designation provisionally 9D, canonical ID unverified. Preliminary source may contain incomplete ratings.

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