



ELECTRONIC TUBE REFERENCE

6441

Specialized - Gauge Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GAUGE

Dual-filament Pirani thermal-conductivity vacuum gauge electrically identical to type 6440 but using a different exhaust-tube connection.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6CQ	BASE PINS	6
NOMINAL HEATER	10 V / 100 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

6CQ - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – K	A	K – Cathode	CONNECTED
PIN2 – H	–	H – Heater	CONNECTED
PIN3 – G1	A	G1 – Control Grid	CONNECTED
PIN5 – P	A	P – Plate (Anode)	CONNECTED
PIN7 – H	–	H – Heater	CONNECTED
PIN8 – G2	A	G2 – Screen Grid	CONNECTED

SECTION RATINGS

SECTION1 Gauge

No fixed ratings recorded.

Published applicable promoted ratings populated; remaining device-specific values retained as parameters.

Electrically identical companion to VTP 6440 with different exhaust-tube connection; dual-filament Pirani gauge.



SOURCE OPERATING CONDITIONS

1955 Vacuum Tube Products

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

1955 VACUUM TUBE PRODUCTS

Section 1 · Gauge

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater 1 Resistance Cold	37.5 ohm	—
Heater 2 Resistance Cold	37.5 ohm	—
Heater Current Normal	100 mA	—
Speed of Response	600 ms	—
Pressure Range	0.1–5000 micron	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Current Maximum	300 mA	—

TUBE TINKER

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