ELECTRONIC TUBE REFERENCE

6536

Specialized - Gauge Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
GAUGE

Pyrex thermocouple thermal-conductivity vacuum gauge electrically identical to the long-life VTP 6416 design.

General characteristics

BASE DESIGNATION	8FS	**BASE PINS**	8
NOMINAL HEATER	— / 600 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Gauge

No fixed ratings recorded.

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

Pyrex thermocouple thermal-conductivity vacuum gauge; electrically identical to VTP 6416.

SOURCE OPERATING CONDITIONS

SOURCE PDF

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 Current Normal	**600 mA**	—
Heater Resistance Cold	**0.2 ohm**	—
Heater Resistance Hot	**0.25 ohm**	—
Thermocouple Output Hard Vacuum	**10 mV**	55-ohm load
Thermocouple Output Air	**1 mV**	55-ohm load
Speed of Response	**15 s**	Approximate
Pressure Range	**0.1–1000 micron**	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Current Maximum	**1000 mA**	—

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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