



ELECTRONIC TUBE REFERENCE

K352

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

High-power pulsed klystron designed for linear particle accelerators and high-power radar, using magnetic focusing and water-cooled body and collector.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 110 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron

No fixed ratings recorded.

Published ratings/characteristics semantically audited; condition-specific operating values preserved in parameter rows.

K352 high-power pulsed klystron for linear particle accelerators and high-power radar. It uses magnetic focusing, an indirectly heated oxide cathode, water cooling for the body and collector, and forced-air cooling at the output window.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT Industrial and Transmitting Tubes

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

1962 ITT INDUSTRIAL AND TRANSMITTING TUBES

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage maximum	5 V	Maximum
Heater current maximum	110 A	Maximum
Focus-mount supply voltage maximum	80 V	MagneticFocusing
Focus-mount supply current maximum	40 A	MagneticFocusing
Beam voltage peak	195 kV	Typical
Beam current peak	90 A	Typical
Gain	30 dB	Typical
Pulse length	2.5 μ s	Typical
Duty cycle	0.0015	Typical
Output power peak	6 MW	Typical
Output power mean	9 kW	Typical

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker