



ELECTRONIC TUBE REFERENCE

K351

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Reflex klystron covering approximately 8.7–9.6 GHz for receiver local-oscillator, measurement-generator, and transmitter-stage service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Klystron	
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM CATHODE CURRENT	55 mA
<i>Microwave-device section. Standard promoted fields contain the closest directly equivalent published anode/beam limits; device-specific quantities are preserved in TUBE_SECTION_PARAMETER.</i>	

Reflex klystron covering 8.7 to 9.6 GHz for receiver local-oscillator, measurement-generator, and transmitter-stage service.

SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	1.2 A	Nominal
MaximumResonatorVoltage	330 V	—
MaximumResonatorCurrent	55 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyRange	8.7–9.6 GHz	Published operating range
OutputPowerMinimum	0.015 W	Typical range