



ELECTRONIC TUBE REFERENCE

M8248

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Special-quality UHF triode for grounded-grid amplification in equipment exposed to severe vibration and shock.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 400 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	37000 Ω
TRANSCONDUCTANCE	0.0135 S
AMPLIFICATION FACTOR	50
MAXIMUM PLATE VOLTAGE	165 V
MAXIMUM PLATE DISSIPATION	2.7 W
Special-quality UHF triode.	

SPECIAL QUALITY U.H.F. TRIODE Special quality triode for use as a grounded grid amplifier in equipment where mechanical vibration and shocks are M8248 unavoidable and where statistically controlled major electrical characteristics are required. This data should be read in conjunction with the GENERAL NOTES— SPECIAL The supplied datasheet publishes electrical ratings and characteristics for this triode device.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Mullard Receiving Tubes

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

1958 MULLARD RECEIVING TUBES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	150 V	—
Plate Current	13.5 mA	—
Grid Voltage	-1.35 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	—
Heater or filament current	400 mA	—
MaxPlateVoltage	165	Promoted field source value
MaxPlateDissipation	2.7	Promoted field source value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	37000	Promoted field source value
Transconductance	0.0135	Promoted field source value
Amplification Factor	50	Promoted field source value

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current	13.5 mA	—

TUBE TINKER

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and their source documents.

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