

ELECTRONIC TUBE REFERENCE

MY3275

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Mullard power triode for substantial Class B output service. Rated around 275 W plate dissipation and 3 kV, a push-pull pair is specified for approximately 1.2 kW output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	14 V / 6.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	1900 Ω
TRANSCONDUCTANCE	0.0085 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM PLATE DISSIPATION	275 W
MAXIMUM CATHODE CURRENT	500 mA
Ratings and characteristics extracted from supplied source.	

Triode; electrical ratings and operating data extracted from the supplied Mullard datasheet.



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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	14 V	—
HeaterOrFilamentCurrent	6.5 A	—
Plate Voltage	2000 V	—
Plate Current	160 mA	—
Transconductance	8.5 mA/V	—
Amplification Factor	16	—
Plate Resistance	1.9 kohm	—
Input Capacitance	11.5 pF	—
Output Capacitance	7 pF	—
Grid To Plate Capacitance	18 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	1.2 kW	TwoTubes;PushPull;ClassB

TUBE TINKER

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

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