

ELECTRONIC TUBE REFERENCE

ME1402

Voltage - Pentode or Tetrode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Subminiature electrometer tetrode for precision measurement, specified for extraordinarily low grid current around 3×10^{-15} A and low-power DC filament operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 13 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.000017 S
MAXIMUM PLATE VOLTAGE	10 V
Promoted values taken from published characteristics and absolute/limiting ratings.	

SUBMINIATURE ELECTROMETER TETRODE ME I 02 Subminiature electrometer tetrode with a grid current of 3×10^{-15} A. FILAMENT Suitable for d.c. operation only. Vi 1.25 N I 13 mA MOUNTING POSITION Any CAPACITANCES Ca.g 2.5 pF Cout 0.8 pF CHARACTERISTICS (All voltages are with respect The supplied datasheet publishes electrical ratings and characteristics for this tetrode device.



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 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	1.25 V	—
Heater or filament current	13 mA	—
MaxPlateVoltage	10	Promoted field source value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	0.000017	Promoted field source value

TUBE TINKER

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and their source documents.

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