



ELECTRONIC TUBE REFERENCE

ME1404

Voltage - Triode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Subminiature electrometer triode for linear and logarithmic measurement service with controlled grid-current/anode-current relationship.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.00008 S
AMPLIFICATION FACTOR	2
MAXIMUM PLATE VOLTAGE	25 V
Promoted values taken from published characteristics and absolute/limiting ratings.	

SUBMINIATURE ELECTROMETER TRIODE Subminiature electrometer triode for linear and MEI404 logarithmic use with a controlled logarithmic relationship between positive grid current and anode current, and a grid current of 2 x 10-13A, FILAMENT Suitable for d.c. operation only Vi 1.25 '2 CAPACITANCES Ca_g 2.0 pF The supplied datasheet publishes electrical ratings and characteristics for this triode 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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	1.25 V	—
MaxPlateVoltage	25	Promoted field source value
Nominal anode voltage for logarithmic operation	4.4 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	0.00008	Promoted field source value
Amplification Factor	2	Promoted field source value