



ELECTRONIC TUBE REFERENCE

7370

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

General-purpose medium-mu high-current double triode, electrically equivalent to the 5687 family, with independent sections and a series/parallel heater arrangement.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	40 V / 130 mA	PARALLEL HEATER	20 V / 260 mA
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	3000 Ω
TRANSCONDUCTANCE	0.0115 S
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	4.75 W
MAXIMUM CATHODE CURRENT	65 mA
Representative row for electrically identical repeated sections.	

SECTION2 Triode	
PLATE RESISTANCE	3000 Ω
TRANSCONDUCTANCE	0.0115 S
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	4.75 W
MAXIMUM CATHODE CURRENT	65 mA
<i>Second physical triode restored.</i>	

The 7370 is a general-purpose medium-mu double triode with electrically independent sections and a series/parallel heater arrangement, otherwise electrically equivalent to the 5687.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
InversePlateVoltageMaximum	1000 V	EachUnit
TotalPlateDissipationMaximum	8.5 W	BothUnits
Plate Voltage	120 V	EachUnit

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	36 mA	EachUnit



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 4 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 4 OF 4

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid To Plate: (G To P')	4 pf	PublishedTable
Grid To Cathode:(G To K+H)	4 pf	PublishedTable
Heater To Cathode:(H To K)	5 Pf	PublishedTable
Plate To Plate: (1P To 2P) (Approx.)	0.75 pf	PublishedTable

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid To Grid: (1G To 2G) (Approx.)	0.025 pf	PublishedTable
Heater Voltage A	5 VOLTS	PublishedTable
Plate Voltage	250 VOLTS	PublishedTable
Plate Current	12 MA	PublishedTable
Plate Resistance	3000 OHMS	PublishedTable

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	330 VOLTS	PublishedTable
Maximum Inverse Plate Voltage	1000 VOLTS	PublishedTable
Maximum Plate Dissipation (Each Unit)	4.75 WATTS	PublishedTable
Maximum Dc Grid Current (Each Unit)	6 MA	PublishedTable
Maximum Dc Cathode Current (Each Section)	65 MA	PublishedTable