



ELECTRONIC TUBE REFERENCE

3X12500A3

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-current medium-mu power triode for grounded-grid and grounded-filament RF power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	5000 V
MAXIMUM PLATE DISSIPATION	12500 W
MAXIMUM GRID DISSIPATION	500 W
Maximum ratings promoted from the printed service-rating tables; typical operating values are preserved as parameters.	

The EIMAC 3X12500A3 is a high-current medium-mu power triode for grounded-grid and grounded-filament RF power service.



SOURCE OPERATING CONDITIONS

SOURCE PDF

1962 Eimac

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

1962 EIMAC
Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Filament - - - - -	5 pF	—
- - - - -+ - - - - -	5	
uuf.		

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	5000 V	—
Maximum plate dissipation	12500 W	—
Maximum grid dissipation	500 W	—