

TUNG-SOL**TRIODE**

SUBMINIATURE TRIODE

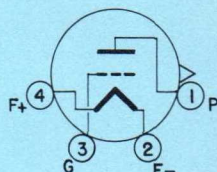
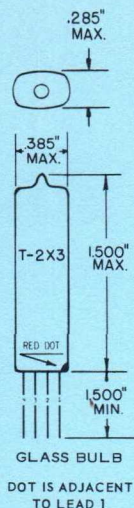
FOR

AMPLIFIER OR OSCILLATOR

APPLICATIONS

COATED FILAMENT

ANY MOUNTING POSITION



BOTTOM VIEW
0.016" TINNED
FLEXIBLE LEADS
0.048" CENTER-TO-CENTER
IN-LINE

THE 6286 IS A FILAMENTARY TYPE TRIODE OF SUBMINIATURE CONSTRUCTION WITH 4 FLEXIBLE LEADS. IT IS DESIGNED FOR USE AS AN AMPLIFIER OR OSCILLATOR IN MILITARY APPLICATIONS.

DIRECT INTERELECTRODE CAPACITANCES

WITHOUT EXTERNAL SHIELD

GRID TO PLATE	1.6	pf
GRID TO FILAMENT	1.3	pf
PLATE TO FILAMENT	2.1	pf

FILAMENT CHARACTERISTICS AND RATINGS

ABSOLUTE MAXIMUM VALUES - SEE EIA STANDARD RS-239

AVERAGE CHARACTERISTICS	1.25	VOLTS	125	MA.
LIMITS OF APPLIED VOLTAGE	1.25 ± .25	VOLTS		

MAXIMUM RATINGS

ABSOLUTE MAXIMUM VALUES - SEE EIA STANDARD RS-239

PLATE VOLTAGE	100	VOLTS
PLATE DISSIPATION	0.45	WATT
PLATE CURRENT	7.0	MA.

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CHARACTERISTICS

PLATE VOLTAGE	67.5	VOLTS
GRID VOLTAGE	-2.0	VOLTS
PLATE CURRENT	6.0	MA.
TRANSCONDUCTANCE	2,100	μ MHOS
AMPLIFICATION FACTOR	11.5	
GRID VOLTAGE (APPROX.) FOR $I_b = 50 \mu A$	-8.5	VOLTS

TYPICAL OSCILLATOR CHARACTERISTICS AT 25 MC/S

PLATE VOLTAGE	67.5	VOLTS
PLATE SUPPLY RESISTANCE	1,500	OHMS
GRID RESISTANCE	18,000	OHMS
PLATE CURRENT	5.25	MA.
GRID CURRENT	325	μA

