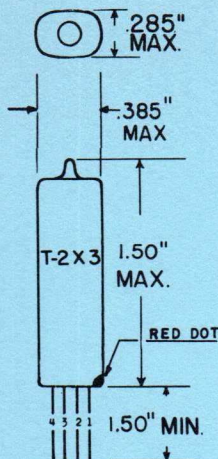


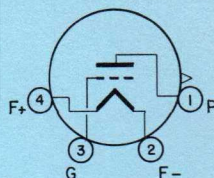
TUNG-SOL

TRIODE
SUBMINIATURE

GLASS BULB
RED DOT IS
ADJACENT TO LEAD 1
IN LINE BASE
OUTLINE DRAWING
JEDEC 2-1

FOR APPLICATIONS REQUIRING
ECONOMY OF SPACE, WEIGHT
AND BATTERY DRAIN

ANY MOUNTING POSITION



BASE: — NONE

0.016" TINNED
FLEXIBLE LEADS

0.048" CENTER-TO-CENTER

THE 7246 IS A 500 MEGACYCLE, FILAMENT TYPE TRIODE IN THE 4 PIN SUBMINIATURE CONSTRUCTION. IT IS DESIGNED FOR USE AS A HIGH FREQUENCY OSCILLATOR, CLASS C AMPLIFIER, SUPERREGENERATIVE DETECTOR, FREQUENCY MULTIPLIER OR MIXER. THE FLEXIBLE TERMINAL LEADS MAY BE SOLDERED OR WELDED DIRECTLY TO THE TERMINALS OF CIRCUIT COMPONENTS. STANDARD SUBMINIATURE SOCKETS MAY BE USED BY CUTTING THE LEADS TO A SUITABLE LENGTH.

DIRECT INTERELECTRODE CAPACITANCES

GRID TO PLATE
INPUT
OUTPUT

WITHOUT SHIELD

1.5	pf
1.6	pf
1.9	pf

HEATER CHARACTERISTICS AND RATINGS

ABSOLUTE MAXIMUM VALUES — SEE EIA STANDARD RS-239

AVERAGE CHARACTERISTICS	1.25 VOLTS	150	MA.
HEATER SUPPLY LIMITS: FILAMENT OPERATION		1.25±.15	VOLTS

MAXIMUM RATINGS

ABSOLUTE MAXIMUM VALUES — SEE EIA STANDARD RS-239

PLATE VOLTAGE	150	VOLTS
PLATE CURRENT	7.5	MA.
GRID CURRENT	1.2	MA.
GRID VOLTAGE	-30	VOLTS
PLATE DISSIPATION	0.7	WATTS

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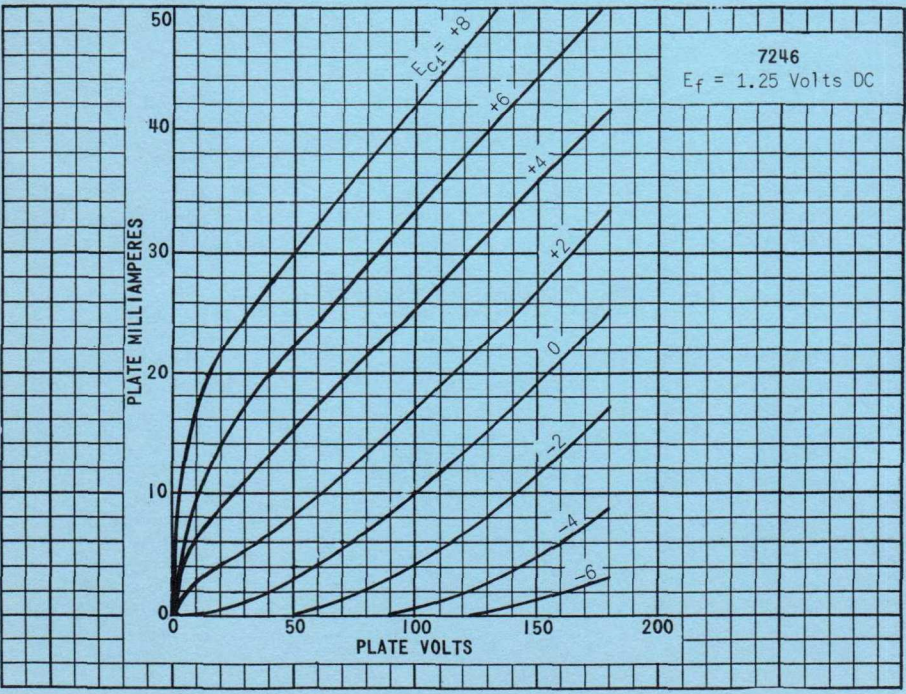
TUNG-SOL

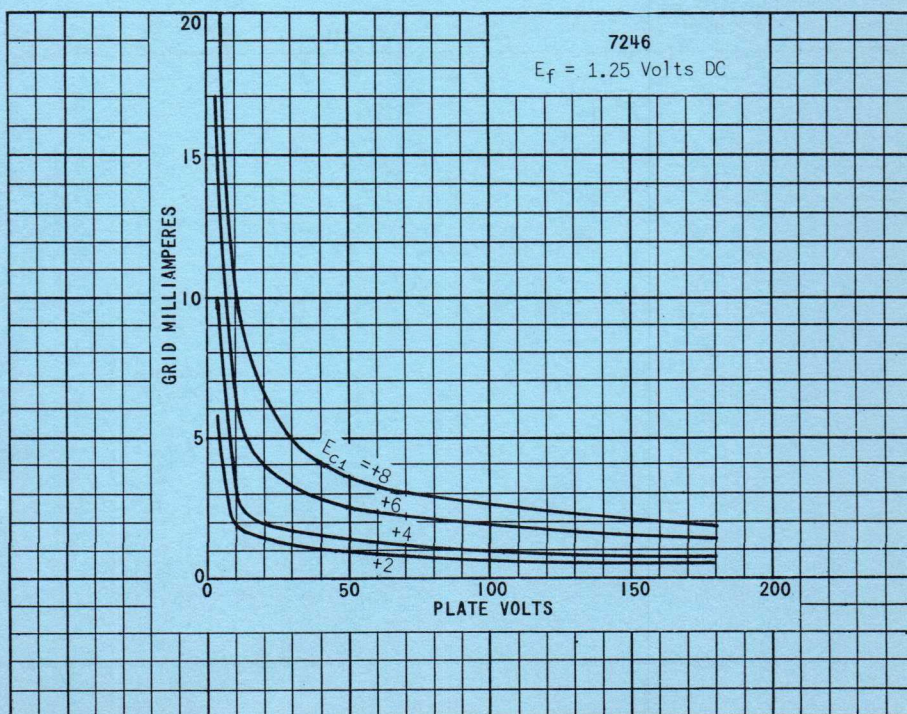
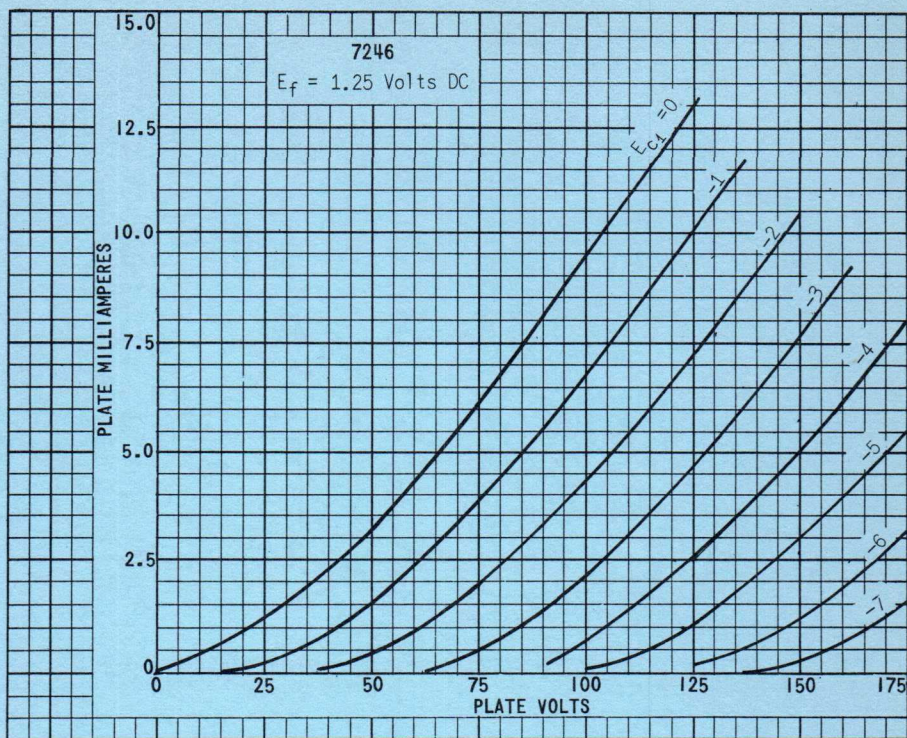
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TYPICAL OPERATING CHARACTERISTICS

CLASS A_1 AMPLIFIER

PLATE VOLTAGE	105	VOLTS
GRID VOLTAGE	-2.5	VOLTS
TRANSCONDUCTANCE	2700	μ MHOS
AMPLIFICATION FACTOR	22	
PLATE CURRENT	4.5	MA.





7246

