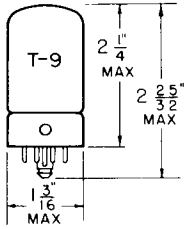
TUNG-SOL

PENTODE



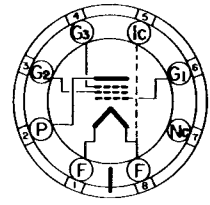
GLASS BULB

COATED FILAMENT

1.4 VOLTS 50 MA.

DC

ANY MOUNTING POSITION



BOTTOM VIEW

LOCK-IN 8 PIN BASE

7A0

THE 1LN5 IS AN RF PENTODE USING THE LOCK-IN CONSTRUCTION. IT IS DESIGNED FOR SERVICE IN LOW DRAIN BATTERY OPERATED RECEIVERS AS AN RF, IF, OR AF AMPLIFIER.

DIRECT INTERELECTRODE CAPACITANCES

WITH RMA SHIELD #316 CONNECTED TO NEGATIVE FILAMENT

GRID TO PLATE: (G_1 TO P) MAX.	0.007	μμf
INPUT: G_1 TO ($F\&IS+G_2+G_3$)	3	μμf
OUTPUT: P TO ($F\&IS+G_2+G_3$)	8	μμf

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	1.4	VOLTS
MAXIMUM PLATE VOLTAGE	110	VOLTS
MAXIMUM GRID #2 VOLTAGE	110	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HEATER VOLTAGE		1.4	VOLTS
HEATER CURRENT		50	MA.
PLATE VOLTAGE		90	VOLTS
GRID #3 VOLTAGE	PIN #4 CONNECTED TO PIN #8 AT SOCKET		
GRID #2 VOLTAGE		90	VOLTS
GRID #1 VOLTAGE[A]		0	VOLTS
PLATE RESISTANCE (APPROX.)		1.1	MEGOHMS
TRANSCONDUCTANCE		800	μMHOS
PLATE CURRENT		1.6	MA.
GRID #2 CURRENT		0.35	MA.
GRID #1 VOLTAGE FOR G_m = 10 μMHOS		-4.5	VOLTS

[A] GRID RETURN TO NEGATIVE END OF FILAMENT.

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PLATE 2330

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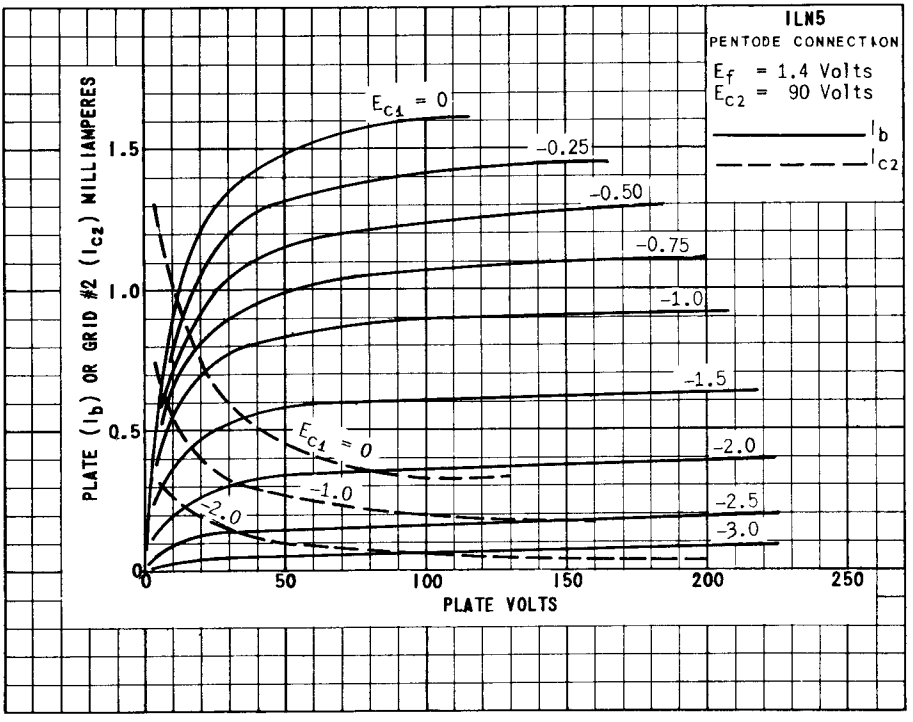
→ INDICATES A CHANGE OR ADDITION

1LN5



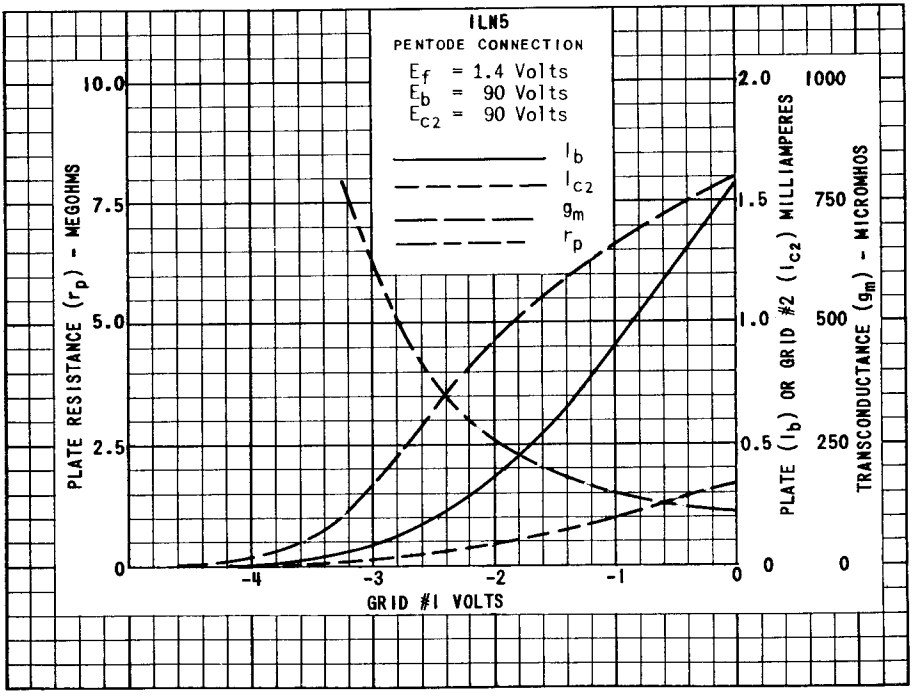


PLATE 2331
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