THE ILC5 IS A SHARP CUT-OFF BATTERY TYPE PENTODE AMPLIFIER. IT IS INTENDED FOR SERVICE AS AN RF OR AF AMPLIFIER WHERE ECONOMY OF BATTERY POWER IS IMPORTANT.

DIRECT INTERELECTRODE CAPACITANCES
WITH SHIELD NO. 508 CONNECTED TO NEGATIVE FILAMENT

GRID TO PLATE: (G₄ TO P) MAX. 0.007 µµf
INPUT: G₄ TO (F+G₂+G₃) 3.2 µµf
OUTPUT: P TO (F+G₂+G₃) 7 µµf

RATINGS
INTERPRETED ACCORDING TO RMA STANDARD WH-210

FILAMENT VOLTAGE 1.4 VOLTS
MAXIMUM PLATE VOLTAGE 110 VOLTS
MAXIMUM GRID #2 VOLTAGE 45 VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

FILAMENT VOLTAGE 1.4 1.4 VOLTS
FILAMENT CURRENT 50 50 MA.
PLATE VOLTAGE 45 90 VOLTS
GRID #3 VOLTAGE PIN #8 CONNECTED TO PIN #8 AT SOCKET
GRID #2 VOLTAGE 45 45 VOLTS
GRID #1 VOLTAGE² 0 0 VOLTS
PLATE RESISTANCE (APPROX.) 0.7 1.5 MEG.
TRANSCONDUCTANCE 790 775 MMHOS
PLATE CURRENT 1.1 1.15 MA.
GRID #2 CURRENT 0.35 0.30 MA.
GRID #1 VOLTAGE (APPROX.) ² FOR T₁ = 10 MA
-3.4 -3.4 VOLTS

² A RESISTANCE OF AT LEAST 1 MEGOHM SHOULD BE IN THE GRID RETURN TO THE NEGATIVE FILAMENT, PIN #8, UNDER MAXIMUM RATED CONDITIONS.