

BASE: None (0.016" tinned flexible leads. Length: 1.5" min. Spacing: 0.048" center-to-center) TERMINAL CONNECTIONS: (Red Dot is adjacent to Lead 1) Lead 1 Plate Lead 4 Grid #1

Lead 5 Filament Lead 2 Grid #2 Lead 3 Filament, negative MOUNTING POSITION: Any

## ELECTRICAL DATA

DIRECT INTERELECTRODE CAPACITANCES: (µ Grid to Plate: (g] to p) Input: g] to (-f+g2) Output: p to (-f+g2)	µ£ds.)▲	0.2 max. 2.7 5.7
DESIGN CENTER MAXIMUM RATINGS:		
Filament Voltage (dc)● Plate Voltage Grid #2 Voltage Total Cathode Current		1.25±20% volts 45 volts 45 volts 1.0 ma.
CHARACTERISTICS AND TYPICAL OPERATION - C	LASS A 1 AMPLIFIER :	
Filament Voltage (dc) Filament Current Plate Voltage Grid #1 Voltage Plate Resistance (approx.) Transconductance Plate Current Grid #2 Current Load Resistance Total Harmonic Distortion Power Output	1.25 30 22.5 22.5 0 ◆ 0.22 385 0.27 0.07 0.15 10 1.2	1.25 volts   30 ma.   45 volts   45 volts   0.25 meg.   500 µmhos   0.45 ma.   0.10 meg.   10 percent   6 mw

positive 🔳



▲ With shield connected to Lead 3.

Grid #3 is composed of two deflector plates, one being connected to Lead 3 and the other to Lead 5.

• Do not use in series filament circuits. Filament voltage must never exceed 1.55 volts.

♦ Grid resistor=5 megohms.

Tentative Data Printed in RAYTHEON COMPANY MANUFACTURING U.S.A.

NEWTON 58, MASS.