

Taylor

CUS
BU



838

ZERO BIAS CLASS B MODULATOR

100 WATTS PLATE DISSIPATION

\$10.50

Taylor 838 is a high-mu triode especially designed for zero-bias modulator service. As an R F power Amplifier, the 838 may be used at maximum ratings at frequencies up to 30 mc.

GENERAL CHARACTERISTICS

Filament Voltage (A.C. or D.C.) volts.....	10.0
Filament Current, amps.....	3.25
Direct Interelectrode Capacitances:	
Grid-Plate, uuf.....	8
Grid-Filament, uuf.....	6.5
Plate-Filament, uuf.....	5
MAXIMUM HEIGHT.....	7 ³ / ₈ "
MAXIMUM DIAMETER.....	2 ¹ / ₈ "

TYPICAL OPERATING CONDITIONS

As A-F Power Amplifier and Modulator—Class B

Unless Otherwise Specified, Values Are for 2 Tubes

D-C Plate Voltage, volts.....	1250
D-C Grid Voltage, volts.....	0
Peak A-F Grid-to-Grid Voltage, volts.....	200
Zero-Sig. D-C Plate Current, ma.....	148
Max. Sig. D-C Plate Current, ma.....	320
Load Resistance (per tube), ohms.....	2250
Effective Load Resistance (plate-to-plate), ohms.....	9000
Max. Sig. Driving Power (approx.), watts.....	7.5
Max. Sig. Power Output, watts.....	250

