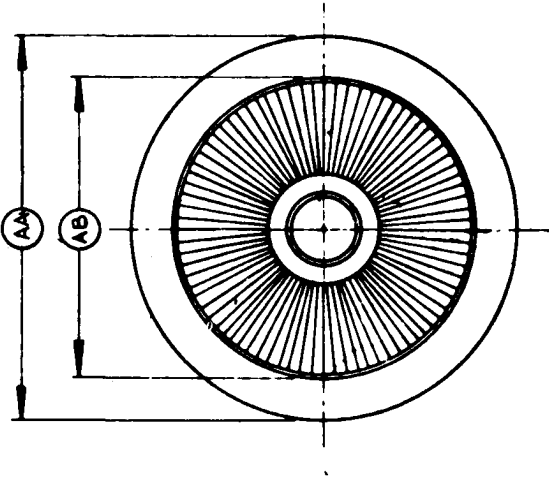
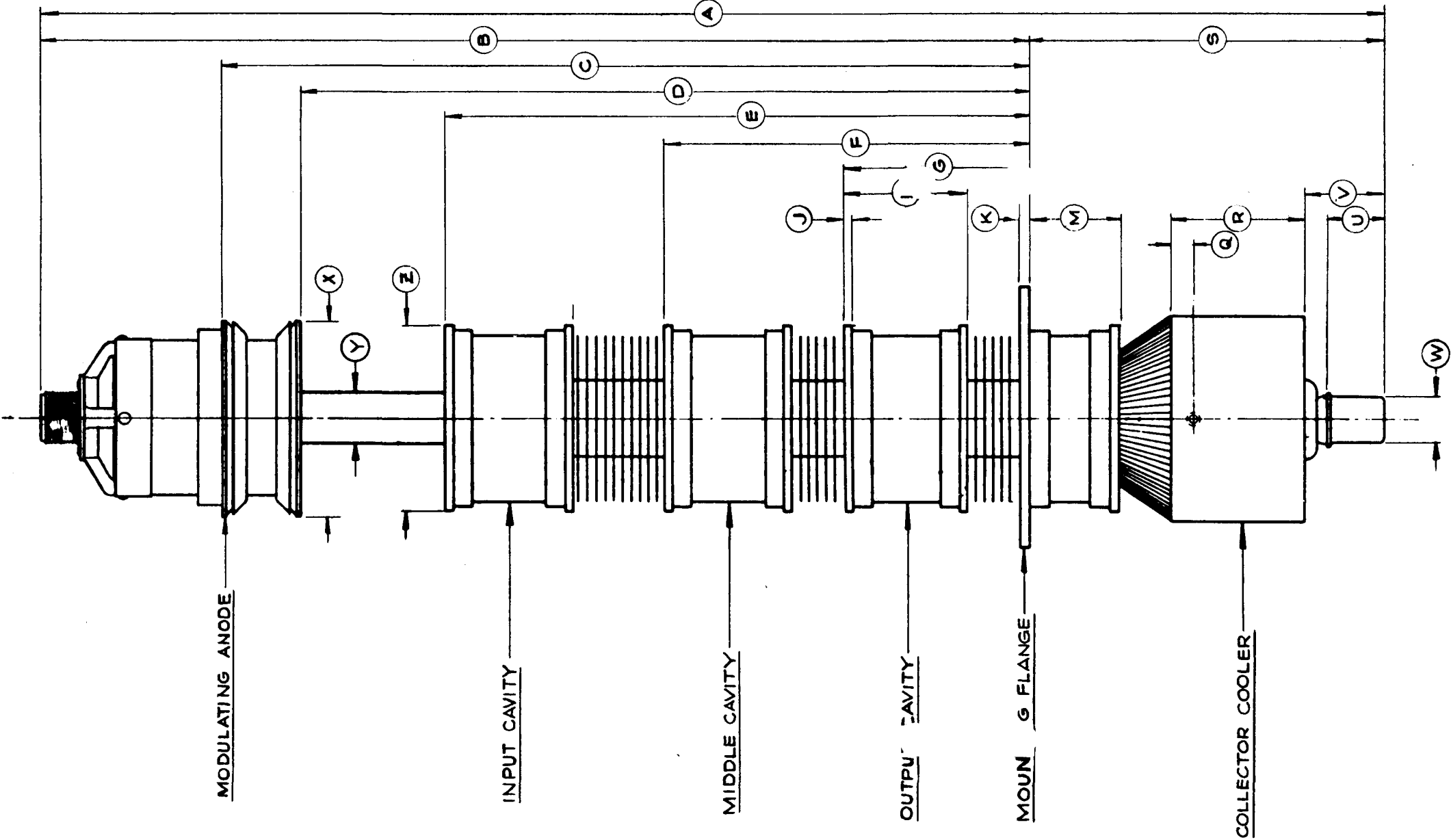


DIMENSION DATA			
REF.	NOM.	MIN.	MAX.
A	26.718		
B	19.750		
C	15.812		
D	14.312		
E	11.500		
F	7.250		
G	3.750		
H	2.500		
J	.750		
K	.250		
M	1.687		
Q	.437		
R	2.625		
S	6.968		
U	1.125		
V	1.812		
W	.875		
X	3.812		
Y	1.500		
Z	3.625		
AA	5.125		
AB	4.125		



X3002 OUTLINE DRAWING

FOCUS COIL POWER SUPPLY REQUIREMENTS

Body Coil -	-	-	-	-	-	-	-	-	-	-	-	Variable to 200 volts, 3 amperes maximum
Prefocus Coil -	-	-	-	-	-	-	-	-	-	-	-	Variable to 25 volts, 1.5 amperes maximum

TYPICAL OPERATION

Pulse Amplifier

Frequency	-	-	-	-	-	-	-	-	-	-	-	1300	1300	megacycles
Peak Output Power	-	-	-	-	-	-	-	-	-	-	-	5	3.2	kilowatts
Power Gain	-	-	-	-	-	-	-	-	-	-	-	23	23	decibels
Beam Voltage	-	-	-	-	-	-	-	-	-	-	-	13	10	kilovolts dc
Peak Beam Current	-	-	-	-	-	-	-	-	-	-	-	1.12	0.91	amperes
Peak Modulating Anode Voltage	-	-	-	-	-	-	-	-	-	-	-	5.0	4.0	kilovolts
Focus Electrode Voltage	-	-	-	-	-	-	-	-	-	-	-	—50	—50	volts
Pulse Length	-	-	-	-	-	-	-	-	-	-	-	2000	2000	microseconds
Duty	-	-	-	-	-	-	-	-	-	-	-	3	3	percent
Efficiency	-	-	-	-	-	-	-	-	-	-	-	35	40	percent

For additional information or information regarding a specific application, write to Eimac Division, Varian Associates, 301 Industrial Way, San Carlos, California