X-Band 325 kW Coaxial Magnetron VMX1132

Communications & Power Industries Coaxial Magnetron

FEATURES:
- Frequency 7.8 – 8.5 GHz
- Peak power output 325 kW
- Duty cycle .001
- Anode voltage 29 kV
- Anode current 30 amps
- Pulse width 3.5 microseconds
- Heater 9 volts @ 14 amps
- Air cooled
- Mechanically tunable

BENEFITS:
- Long life
- Exceptional frequency stability

APPLICATIONS:
- Threat simulator radars
- Air traffic control radars
- Weather radars

CPI Communications & Power Industries

www.cpii.com/bmd

CPI X-Band 325 kW Coaxial Magnetron: VMX1132

Electrical Specifications

Frequency	7.8 – 8.5 GHz
Peak Power Output	325 kW
Average Power Output	0.325 kW
Pulse Voltage	27 – 30 kV
Peak Anode Current	35 A
Average Anode Current	30.0 mA
Pulse Width	3.5 μS
Duty Cycle	0.001
Maximum Filament Voltage	10 V
Maximum Filament Current	50 A
Minimum Warm-Up Time	180 S
Maximum Load VSWR	1.3:1

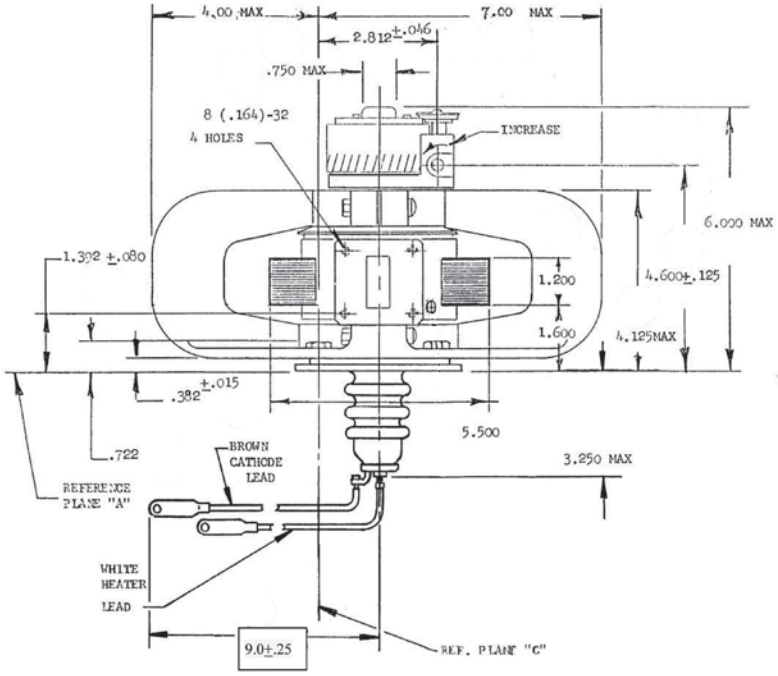
Mechanical and Environmental Specifications

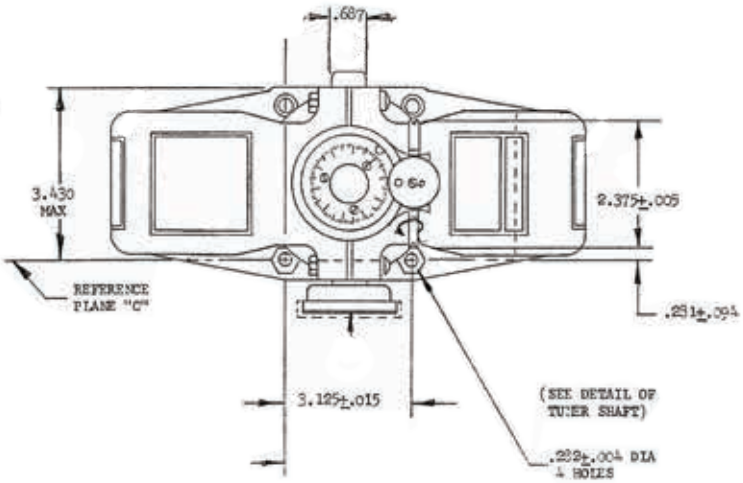
Cooling	Forced air
Maximum Body Temperature	125°C
Mounting Position	Any
Support	Mounting flange
Coupling	WR112
Tuning	116
Weight	20 lbs. (9.07 kg)

*Electrical specifications are typical. Other operating conditions are obtainable.

With a history of producing high quality products, we can help you with your magnetron.

Contact us at BMDMarketing@cpii.com or call us at +1 978-922-6000.





Communications & Power Industries

Beverly Microwave Division
150 Sohier Road
Beverly, Massachusetts
USA 01915

tel +1 978-922-6000
email BMDMarketing@cpii.com
fax +1 978-922-8914
web www.cpii.com