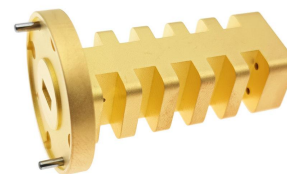


WR19 Waveguide Termination, 10 Watts, UG383/U-Mod Flange
TVAC Compatible


Rev 1

Electrical

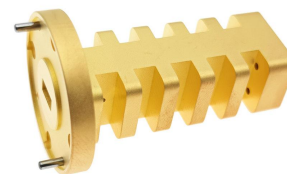
Frequency Range	39.2-59.6 GHz
VSWR	1.2 max
Average Power	≤10 Watts @ 25°C ambient

Mechanical

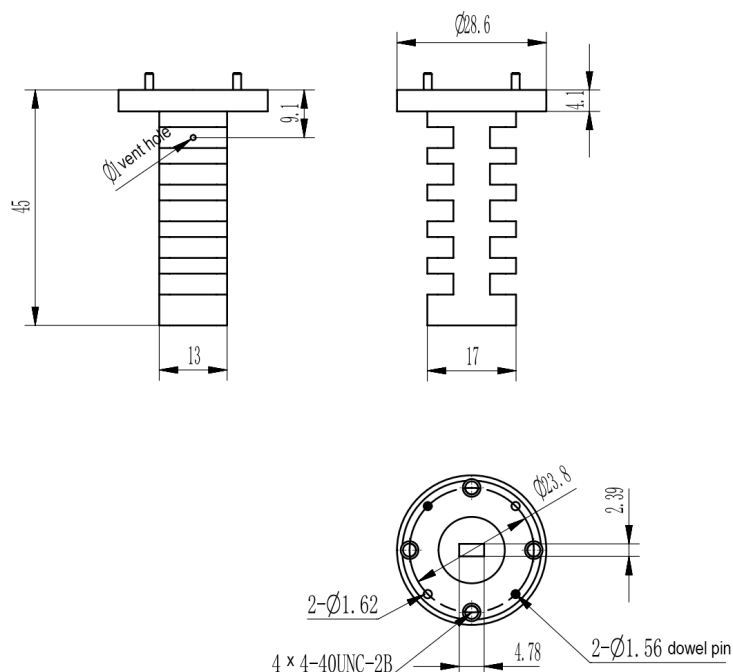
Waveguide Size	WR19 (R500)
Flange Type	UG383/U-Mod
Waveguide Material	Cu alloy with pickling and passivation, gold plated

Environmental

Operating Temperature	-55°C to +85°C
Operating Vacuum	≤5×10 ⁻⁶ mbar
Low Outgassing	Materials selected per ASTM E595 criteria (TML < 1%, CVCM < 0.1%)
Venting	Vent hole provided for rapid pressure equalization
Mechanical Shock	MIL-STD-202, Method 213, Cond. B
Random Vibration	MIL-STD-202, Method 214, Cond. A
Thermal Shock	MIL-STD-202, Method 107, Cond. B



Dimensions (mm)



Typical Test Data at 25°C ambient

