

Waveguide to Coaxial Adapter 33-50GHz



Features

- Full band operation
- Low VSWR
- Rugged mechanical configuration

Typical Applications

- Transceivers
- Test setups
- Instrumentation
- Subsystems

Electrical Specifications, TA=25°C

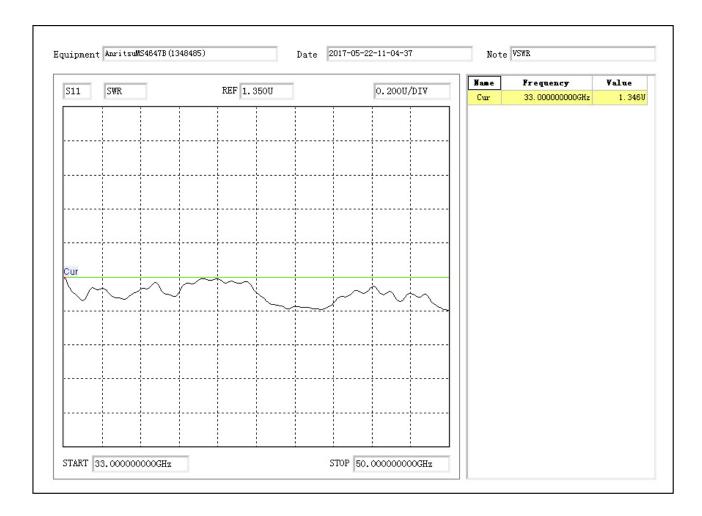
Parameters	Min	Тур	Max	Units
FREQ RANGE	33		50	GHz
VSWR			1.5	
Waveguide	WR22			
Average Power				(W)

Reliability Test Matrix

Item	Standard	Description	
Operation Temperature	MIL-STD-39016	-45°C~+85°C	
Storage Temperature		-55°C~+125°C	
Thermal Shock		1 Hour45°C; 1 Hour +85°C, 5 Cycles	
Random Vibration		acceleration Spectrum Density 6 (m/s), Total Root mean square ro 92.6	
Electrical & Temperature Burn In		Temperature +85°C 72 Hours 1.Weight>20g, 50g half Sine wave for 11ms, Speed variation 3.44m/s 2.Weight≤20g, 100g Half Sine wave for 6ms, Speed variation 3.75m/s 3.6 Shocking Direction, 3 times each direction. Total 18 times.	
Shocking			
Altitude		Standard Part: 30,000 Ft (Epoxy Sealed Controlled Environment) Hermetically Sealed Part (Optional) 60,000 Ft 1.0 PSI min	
Hermetical Seal(Optional)	MIL-STD-883	MIL-STD-883(For Hermetical Seal Unit Only)	



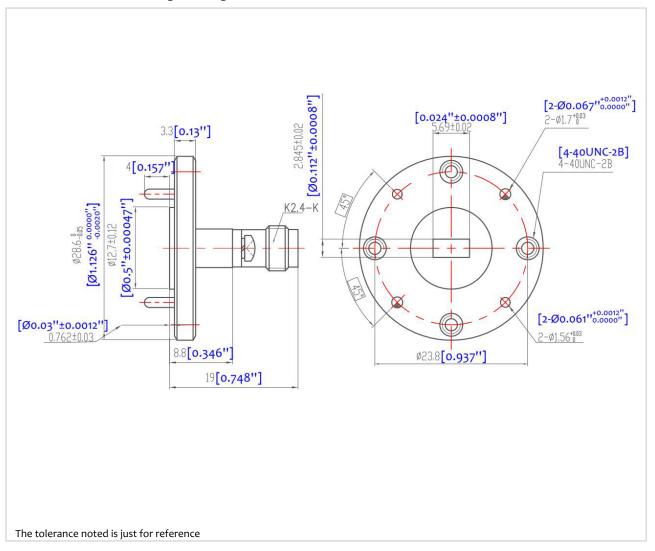
VSWR:





Outline Drawing:

All Dimensions in mm [inches]



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