

Model:TT2-18-SF-Cryo

Cryogenic Coax Termination DC-18GHz,2W,SMA Female

Feature:

- Frequency: DC to 18 GHz
- Max Power:2W
- Capable of operation at 10 mK
- Non-Magnetic
- 50 Ohm Matched Input

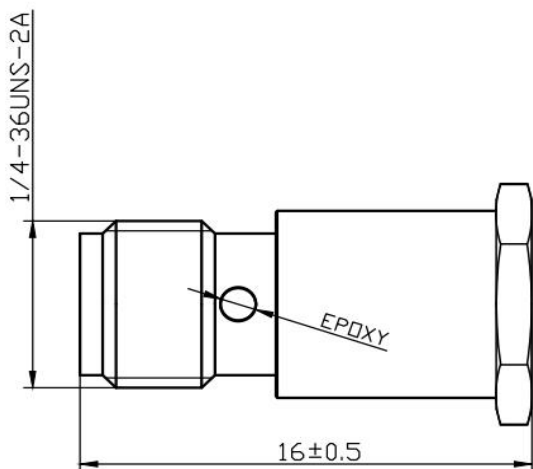
Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	DC-18			GHz
VSWR			1.35	:1
Input Power			2	W
Impedance	50			Ohms

Mechanical Specifications:

Parameter	Value	Units
Input /Output Connector	SMA Female/SMA Female	
Case Material	OFHC Copper	
Finish	Gold Plated	
Resistor Material	Proprietary Thin Film	

Outline Drawing:



Environmental Conditions:

Parameter	Min	Typ	Max	Units
Operating Temperature	10mK		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity	100% RH at 35c, 95%RH at 40°C			%
Altitude	50,000			feet
Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

Ordering Information:

Part Number	Description	Revision
TT2-18-SF-Cryo	Cryogenic Coax Termination DC-18GHz,2W,SMA Female	Rev.1.1