



### Lowpass Filter

- ◆ High Rejection
- ◆ Low Insertion Loss
- ◆ Miniaturization
- ◆ Excellent Reliability
- ◆ Customization available



Electrical Specifications			
Parameters	Units		Specifications
Pass Band Frequency	MHz		DC-512
Insertion Loss	dB	Max	1.0
Ripple	dB	Max	TBD
VSWR	/	Max	1.5:1
Group Delay Variation	ns	Max	TBD
Phase Matching	deg	Max	TBD
Rejection	≥50dB@640-4000MHz		
Power Handling	50W cw max		

**50 ohms LC Low Pass Filter**

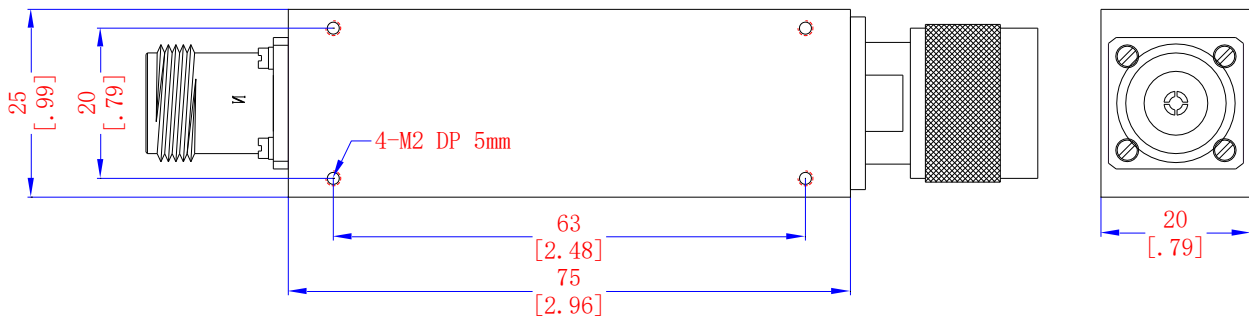
SN:1575-171206    Version: A0

Mechanical Specifications		Environmental Specification	
Parameter	Specification	Parameter	Specification
Input Connectors	N-Female (50Ω)	Operating Temp.	-40°C to +70°C
Output Connectors	N-Male (50Ω)	Storage Temp.	-55°C to +85°C
ROHS	Yes	Environment Class	TBD
Material	Aluminum (6061)	Altitude	30,000 ft.
Weight(Kg)	TBD		(Epoxy Sealed Controlled environment)
Surface Finish	Black Painted	Humidity	95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions		
Note			

### Outline Drawing:

All Dimensions in mm (inches)

Outline Tolerances ±0.3(0.012)



## Test Plot

