

Product: Helical Filter

Part Number: LBF-170/180-Q5S-1



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Freq.	170	-	180	MHz
3	Insertion Loss			1.5	dB
4	Rejection	≥60dB @ 140Mhz&223MHz			dB
5	Return loss	15			dB -
6	Power			20w	W cw
7	Operating Temperature Range	-30	-	+60	°C
8	Impedance	-	50	-	Ω
9	Port Connectors	Ternary alloy			
10	Preferred finish	Black			

**Remarks:**

.Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	-30°C~+60°C
Storage Temperature	-50°C~+85°C
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions
Mechanical Specifications	
Housing	Aluminum
Connector	Copper plated with gold.
Female Contact:	gold plated beryllium bronze
ROHS	compliant
Weight	0.2kg

成都利德尔科技有限公司 Cheng Du Leader Microwave Technology Co.,Ltd

电话: 028-65199117 传真: 028-65199116

<http://www.leader-mw.com> [sales@leader-mw.com](mailto:sales@leader-mw.com)

TEL: +86-28-65199117 FAX: +86-28-65199116

Add: 中国 成都市成华区华翰路 89 号 610000

No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

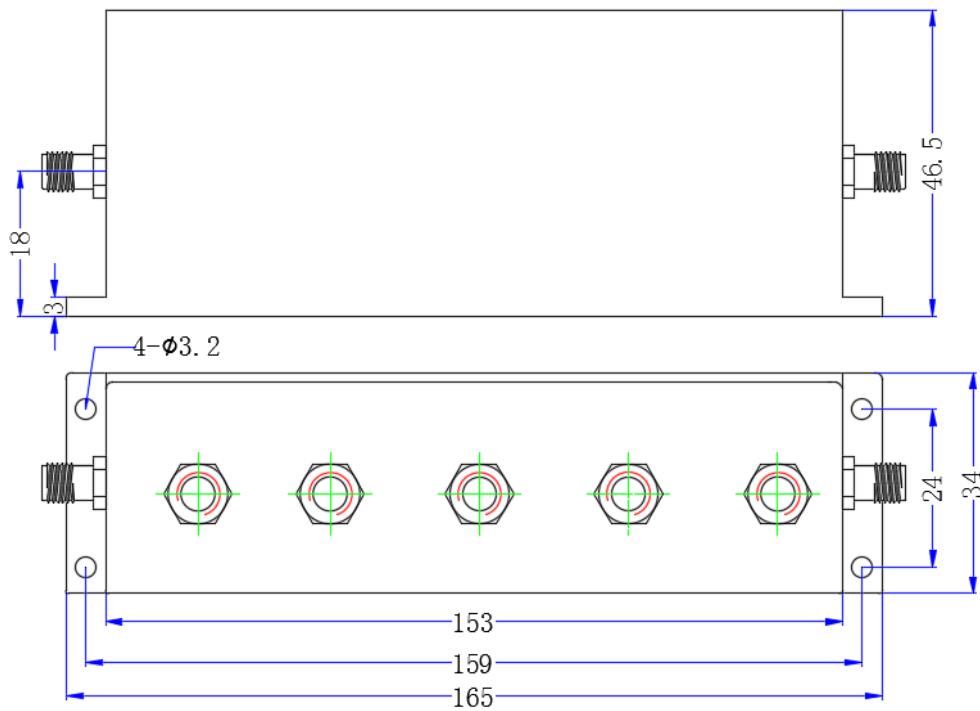
## Outline Drawing:

All Dimensions in mm

Outline Tolerances  $\pm 0.5(0.02)$

Mounting Holes Tolerances  $\pm 0.2(0.008)$

All Connectors: SMA-F



成都利德尔科技有限公司 Cheng Du Leader Microwave Technology Co.,Ltd

电话: 028-65199117 传真: 028-65199116

<http://www.leader-mw.com> [sales@leader-mw.com](mailto:sales@leader-mw.com)

TEL: +86-28-65199117 FAX: +86-28-65199116

Add: 中国 成都市成华区华翰路 89 号 610000

No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

成都利德尔科技有限公司 Cheng Du Leader Microwave Technology Co.,Ltd

电话: 028-65199117 传真: 028-65199116

http://www.leader-mw.com sales@leader-mw.com

TEL: +86-28-65199117 FAX: +86-28-65199116

Add: 中国 成都市成华区华翰路 89 号 610000

No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000