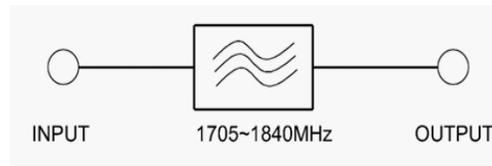


# SRFS TELEINFRA



## Band Pass Filter / 1705~1840MHz

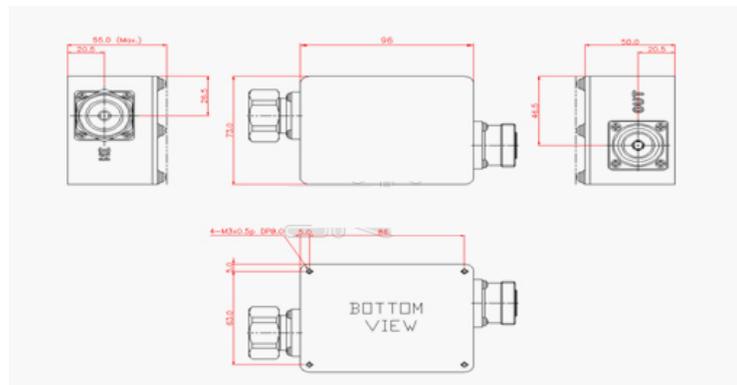


### Description:

Filter is the core product out of RF passive products. Filter is more important than any other passive components in the repeater and the base station, even though other components are important. As the system operators all over the world use different frequencies, and there are quite a lot of signals in the air for televisions, military use, weather research and other purposes. The most important role of the filter is to select desired signals for use. Filter is very the most applied module in RF system. There are lots of filters based on the kinds of applications.

### Electrical & Mechanical Specifications

Center Frequency	1772.5MHz
Frequency Range	1705~1840MHz
Insertion Loss in BW	1.0 max.
Return Loss	18.0 min.
Rejection	60 min. @ 1030~1090 MHz 60 min. @ 2800~3000 MHz
PIMD	-156 min.@2x43dBm Measured at 1770MHz (1805MHz and 1840MHz)
Power handling	100 max.
Impedance	50
Operation Temperature	-40 ~ +85
Connector	IN: 7/16 DIN Male, OUT: 7/16 DIN Female
Environment Condition	IP67
Finish	Black Epoxy Painting



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