

# SRFS TELEINFRA



## Band Pass Filter / 3100~3500MHz

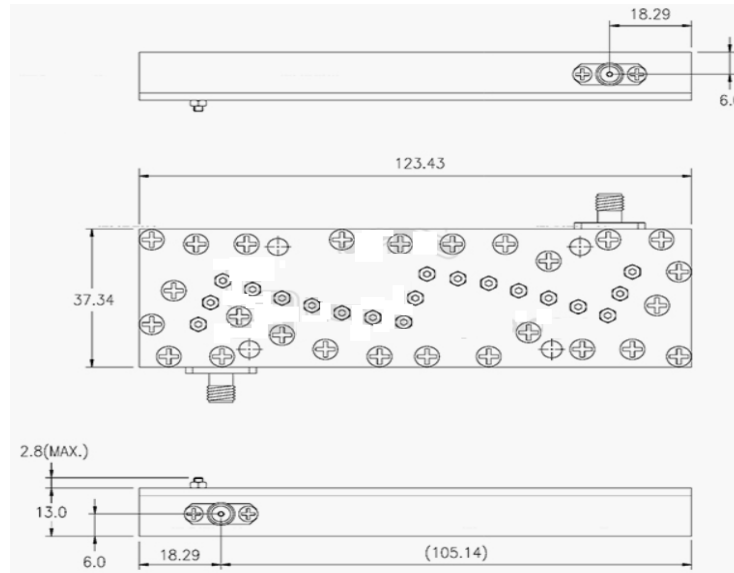


### Description:

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.

### Electrical & Mechanical Specifications

Frequency Range	3.1~3.5 GHz
Impedance	50 $\Omega$
Insertion Loss (Max.)	< 1.5dB Max
VSWR (Max.)	1.5 : 1
Ripple	$\pm 0.25$ dB Max. (Per any 10MHz within Pass band)
Rejection	30 dBc @6.3~8.9GHz 35dBc @3.6GHz min. 860 dBc @2.94GHz & 3.7GHz @ 3.7~6.9GHz 80 dBc @1.5GHz



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