

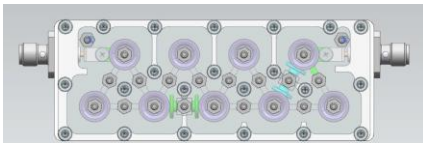
# Data Sheet

VES-FIL-3700

Pass Band 3700 - 3980 MHz

## Features

- Passband : Band Pass
- Passband Frequency Range : 3700 – 3980 MHz
- connector : SMA
- Material : Aluminum
- Size [mm] : 100x32x18
- Weight[g] : 100



## Applications

- C Band Communication Systems in USA
- Sub-assemblies
- Automotive Safety
- Boosting 5G Speeds: Mid-band Can Reach 300 Mbps - 1 Gbps, Faster Than Low-Band 5G (<1 GHz)
- Separate from neighboring frequency bands (4.2-4.4 GHz): Avoid interference with aviation equipment, especially aircraft altitude radars
- Filters help eliminate interference between 5G and satellites

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**Electrical Specifications at -  
45°C to +90°C**

*Generic photo used for illustration purposes only*

Description	Min.	Typ.	Max.	Unit
Passband Frequency Range	3700	-	3980	MHz
Passband Center Frequency	-	3840	-	MHz
Insertion Loss		1.7		dB
VSWR			1.3	:1
Rejection from 100-3665MHz	-50			dB
Rejection from 4030-7000 MHz	-50			dB
Power handling			50	W
impedance		50		Ohm

## Typical Performance Data

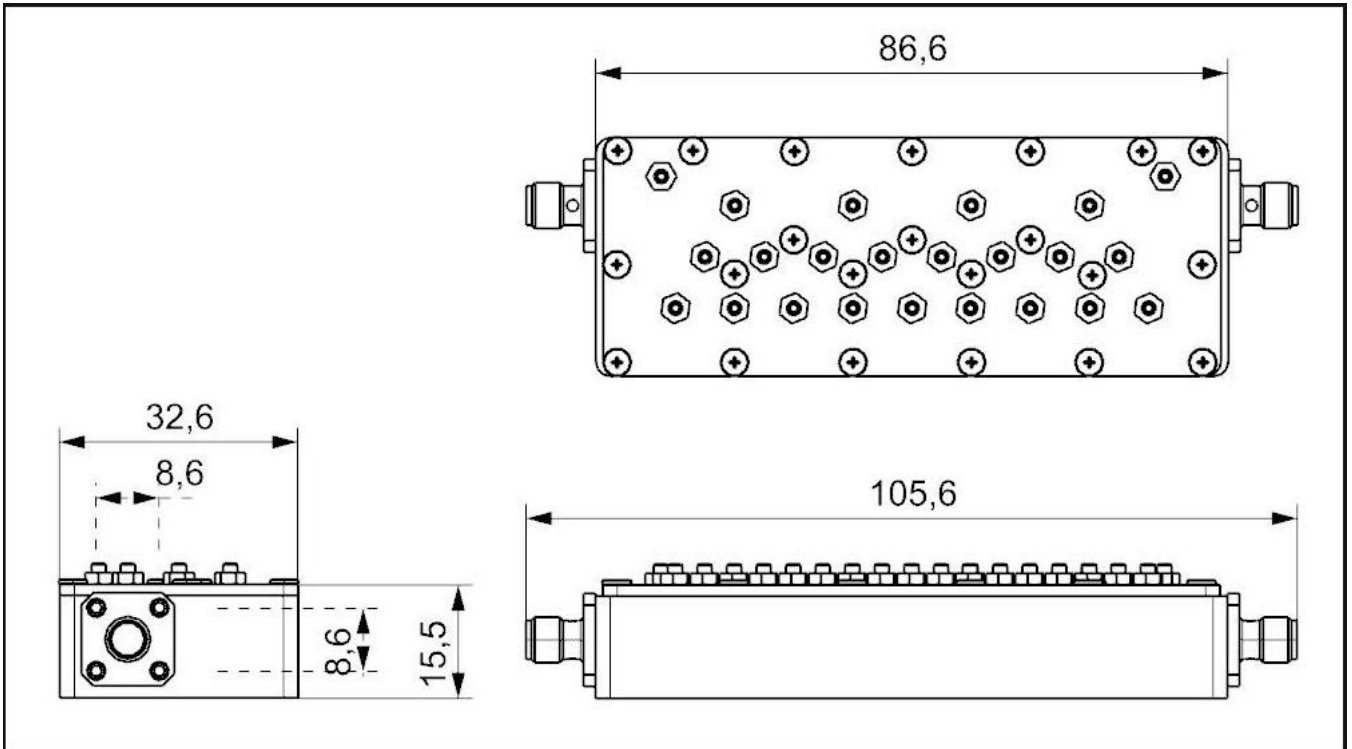
### Electrical schematic



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**Outline Drawing**  
**Dimensions (mm/[inch])**



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## Contact us

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