

## Features

- GSM ADPX 2115F composed of Duplexer and Band Pass Filter (BPF).
- Suitable for GSM ADPX 2115F Tower Mounted System Repeaters.
- Very compact size and low weight.

## Technical Characteristics

### Duplexer (TX) Path

Frequency band	2105 MHz ~ 2125 MHz
Bandwidth	20 MHz
Insertion Loss	0.6 dB <sub>typ.</sub>
Return Loss, all ports	20 dB <sub>min.</sub>
Isolation	90 dB <sub>Cmin.</sub> (@ 1915 MHz ~ 1935 MHz)
Continuous Average Power	150 W <sub>max.</sub>

### Duplexer (RX1), BPF (RX2) Path

Frequency band	1915 MHz ~ 1935 MHz
Bandwidth	20 MHz
Insertion Loss	0.6 dB <sub>typ.</sub>
Return Loss, all ports	20 dB <sub>min.</sub>
Isolation	90 dB <sub>Cmin.</sub> (@2105 MHz ~ 2125 MHz)

## Environmental

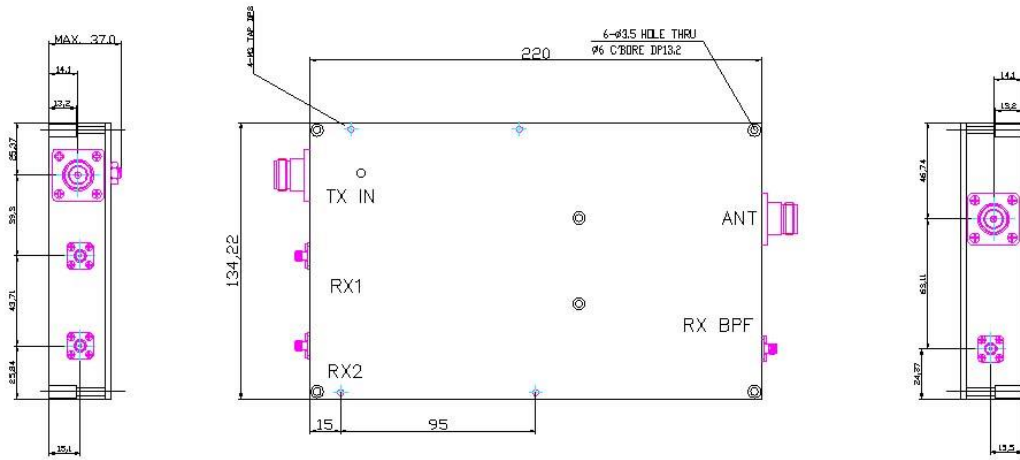
Operating temperature range	-30 to +65 °C
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## Mechanical

Dimensions <sup>1)</sup>	220 x 134.2 x 37 mm
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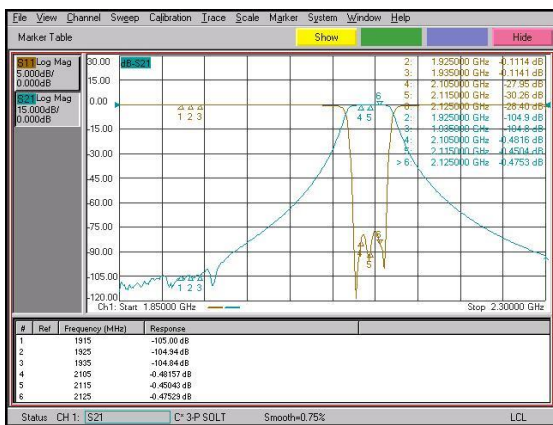
1) Excluding connectors, and mounting bracket extension

# Outline Drawing

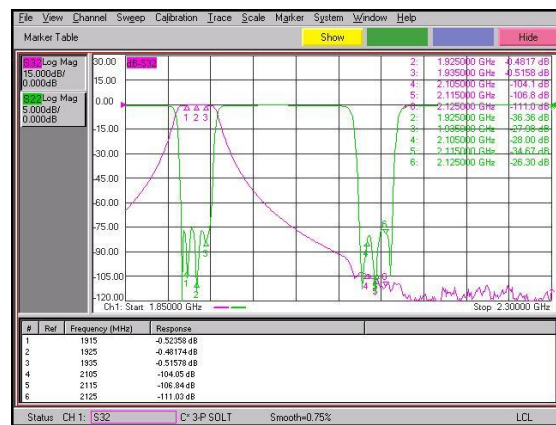


Units : mm, Tolerance : +/- 0.2 mm

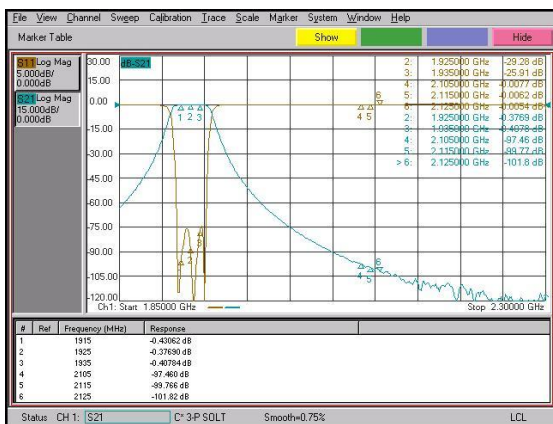
# Typical Response



Duplexer (Tx) path Transmission



Duplexer (Rx1) path Transmission



BPF (Rx2) path Transmission