

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 _{typ.}
Return Loss, all ports	20 dB _{min.}
Isolation	90 dB _{Cmin.} (@ 1915 MHz ~ 1935 MHz)
Continuous Average Power	150 W _{max.}

Duplexer (RX1), BPF (RX2) Path

Frequency band	1915 MHz ~ 1935 MHz
Bandwidth	20 MHz
Insertion Loss	0.6 dB _{typ.}
Return Loss, all ports	20 dB _{min.}
Isolation	90 dB _{Cmin.} (@2105 MHz ~ 2125 MHz)

Environmental

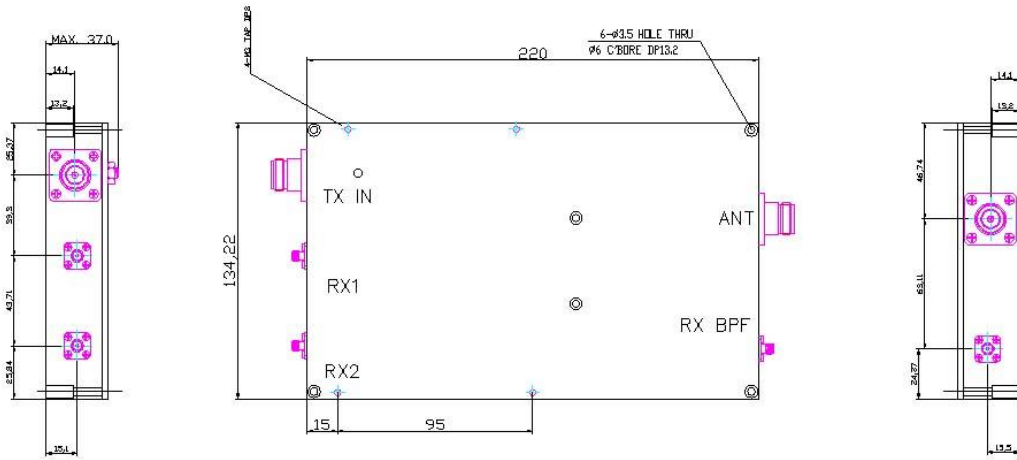
Operating temperature range	-30 to +65 °C
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Mechanical

Dimensions ¹⁾	220 x 134.2 x 37 mm
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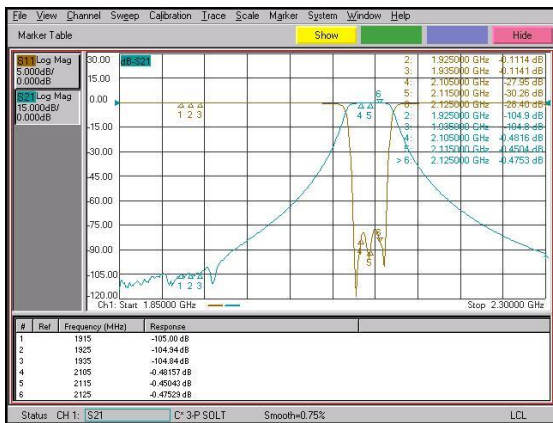
1) Excluding connectors, and mounting bracket extension

Outline Drawing

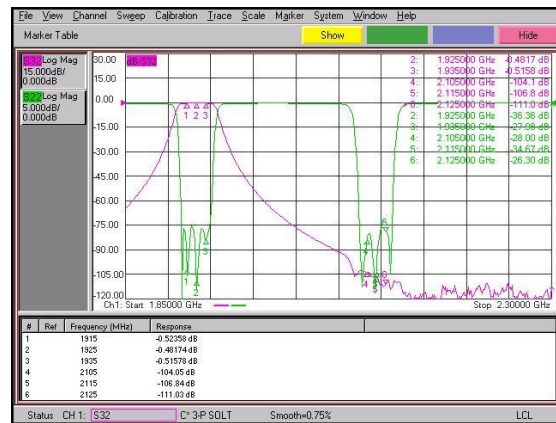


Units : mm, Tolerance : +/- 0.2 mm

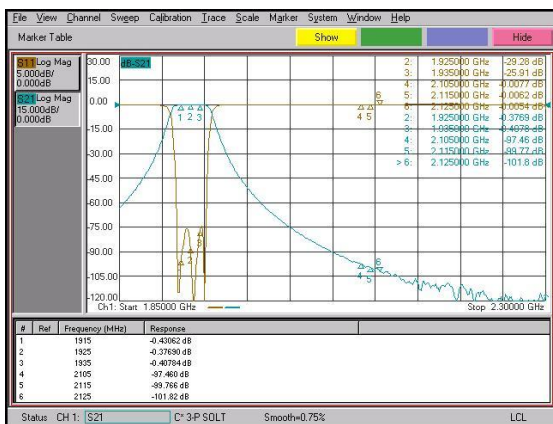
Typical Response



Duplexer (Tx) path Transmission



Duplexer (Rx1) path Transmission



BPF (Rx2) path Transmission