



# 869-894 MHz Notch/Bandpass Duplexer For GSM Downlink

Part Number: AE881-881DB5388



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## Electrical specifications

### Bandpass Section

**Passband:** 869-894 MHz

**Bandwidth:** 25 MHz

**Insertion Loss in Pb:** 2.5 dB Max

**Return Loss in Pb:** 14 dB Min

**Rejection:** >58 dB @ 860-903 MHz

### Notch Section

**Notch Freq:** 869-894 MHz

**Rejection @ Notch Freq:** 45.0 dB Min

**Notch Bandwidth:** 25 MHz

**Start of Pb (Low Side):** 860 MHz

**Start of Pb (High Side):** 903 MHz

**Return Loss in Pb:** 10 dB Min

**Rejection:** >41 dB @ 869-894 MHz

## Mechanical

**Connector Type:** DIN (7/16) Connectors

**Dimensions:** 15.36 x 6.71 x 1.5 Inches

## Environmental

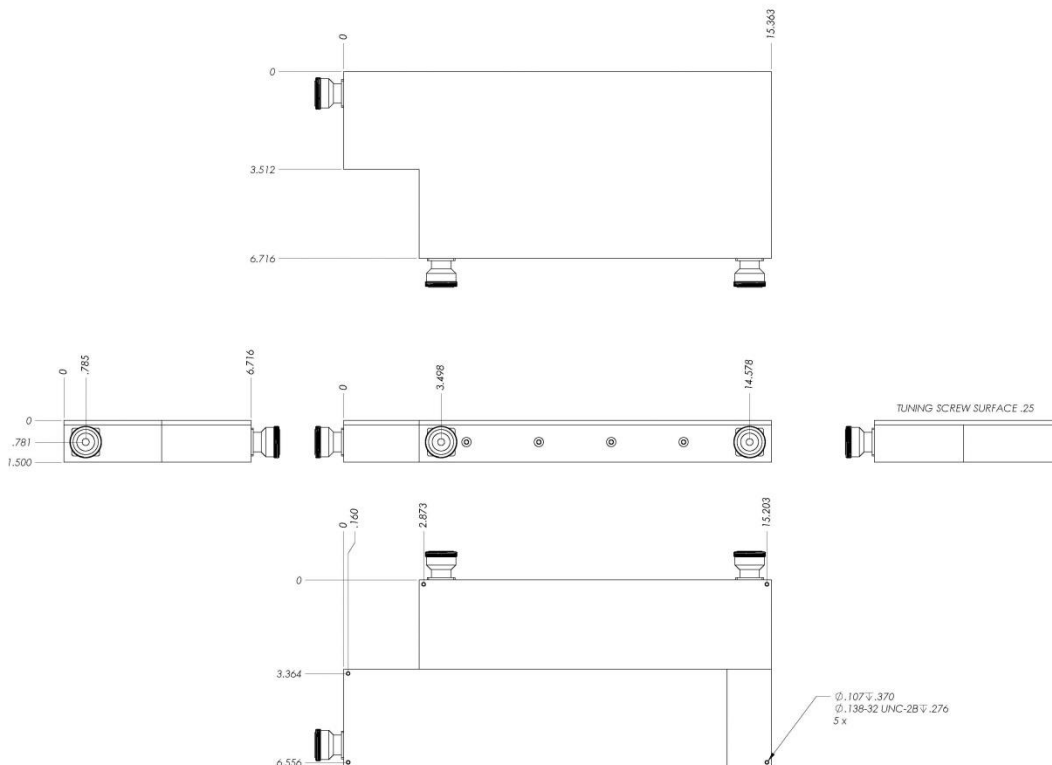
**Operating Temperature:** -45 to +85° C

**Storage Temperature:** -65 to +95° C

**Shock:** 20 G, 11 ms

**Vibration:** 10 G, 10 to 2000 Hz

## Outline Drawing:





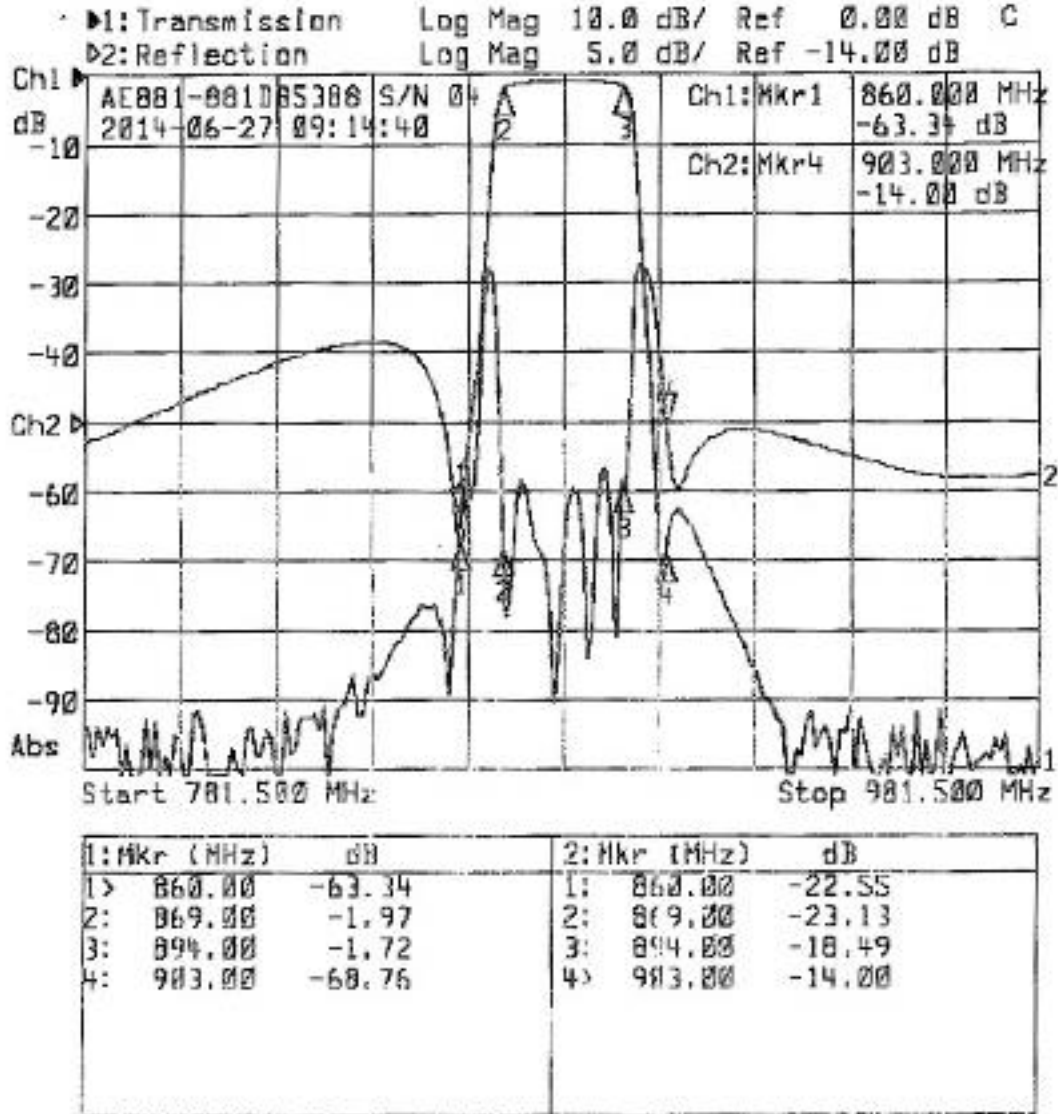
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## Passband Plot:





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## Notch Plot:

