



**1735-1760 MHz / 1830-1855 MHz
-GSM-Cavity Duplexer**



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE1747-1842DB3056-1

| <u>Characteristics</u> | <u>Band 1</u> | <u>Band 2</u> |
|---------------------------------|---------------|---------------|
| Passband: | 1735-1760 MHz | 1830-1855 MHz |
| Bandwidth: | 25 MHz | 25 MHz |
| Passband Insertion Loss: | ≤ 1.0dB | ≤ 1.0dB |
| Passband Return Loss: | ≥ 17dB | ≥ 17dB |
| Isolation: | ≥ 70dB | ≥ 70dB |

| <u>Mechanical</u> | |
|-------------------------|----------------------------|
| Mounting Method: | Threaded Mounting Holes |
| Connector Type: | SMA(F) |
| Dimensions: | 6.62 x 3.45 x 2.75 inches. |

| <u>Environmental</u> | |
|-------------------------------|------------------|
| Operating Temperature: | -40 to +70 deg.C |
| Storage Temperature: | -50 to +85 deg.C |

Outline Drawing:

