



# ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Filters and Products



## 120 MHz Crystal Filter

P/N: AM120CR255

|                                                                        |                                                                                     |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Frequency:                                                             | 120 MHz                                                                             |
| Passband @ 3.0 dB:                                                     | +/- 35 KHz                                                                          |
| Attenuation (@ Fo):<br>+/- 65 KHz<br>+/- 100 KHz<br>+/- 200 KHz        | Greater or equal to 40 dB<br>Greater or equal to 60 dB<br>Greater or equal to 70 dB |
| Insertion Loss:                                                        | 9 dB                                                                                |
| Passband Ripple:                                                       | 1 dB                                                                                |
| Group Delay Variation:<br>@ 120 MHz +/- 25 KHz<br>@ 120 MHz +/- 35 KHz | 4 usec<br>10 usec                                                                   |
| Input RF Power:                                                        | +5 dBm                                                                              |
| Input Impedance:                                                       | 50 Ohms                                                                             |
| Stopband Attenuation:                                                  | Great or equal to 60 dB                                                             |
| Operating Temperature Range:                                           | -40°C to +85°C                                                                      |
| Storage Temperature Range:                                             | -55°C to +105°C                                                                     |

