



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

680.5 MHz / 634.5 MHz

Ceramic Duplexer

Part Number: AE680-634CD1204



| Characteristics | Band 1 - RX | Band 2 - TX |
|---------------------------|---------------------------|---------------------------|
| Center Frequency: | 680.5 MHz | 634.5 MHz |
| Bandwidth: | 35 MHz | 35 MHz |
| Return Loss: | 13 dB min | 13 dB min |
| Insertion Loss: | 3.5 dB max | 3.5 dB max |
| Ripple in BW: | 2.0 dB max | 2.0 dB max |
| Input / Output Impedance: | 50 Ohms | 50 Ohms |
| Isolation: | 50 dB min @ 617 – 652 MHz | 50 dB min @ 663 – 698 MHz |
| Power Handling: | 3.0 W | |

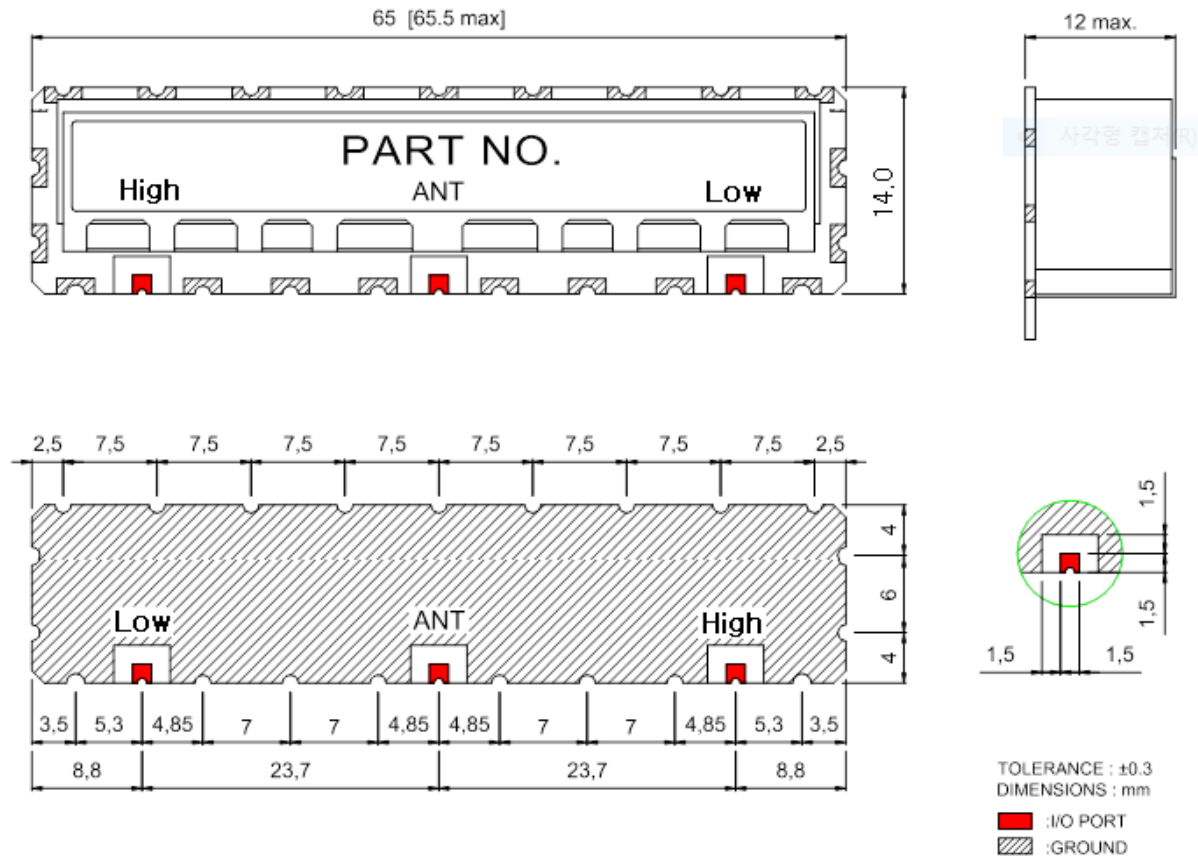
| Mechanical | |
|------------------|-----------------|
| Mounting Method: | SMT |
| Dimensions: | 65 X 14 X 12 mm |

| Environmental | |
|------------------------|------------------|
| Operating Temperature: | -20 to +85 deg.C |
| Storage Temperature: | -55 to +90 deg.C |

This product is RoHs compliant.

Outline Drawing:

● TOP VIEW



Tolerance: +/-0.01 inches [+/-0.3mm]

Angles: +/-1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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