



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

**1475-1525 MHz / 1625-1675 MHz**

**Ceramic Duplexer**

**Part Number: AE1500-1650CD1203**



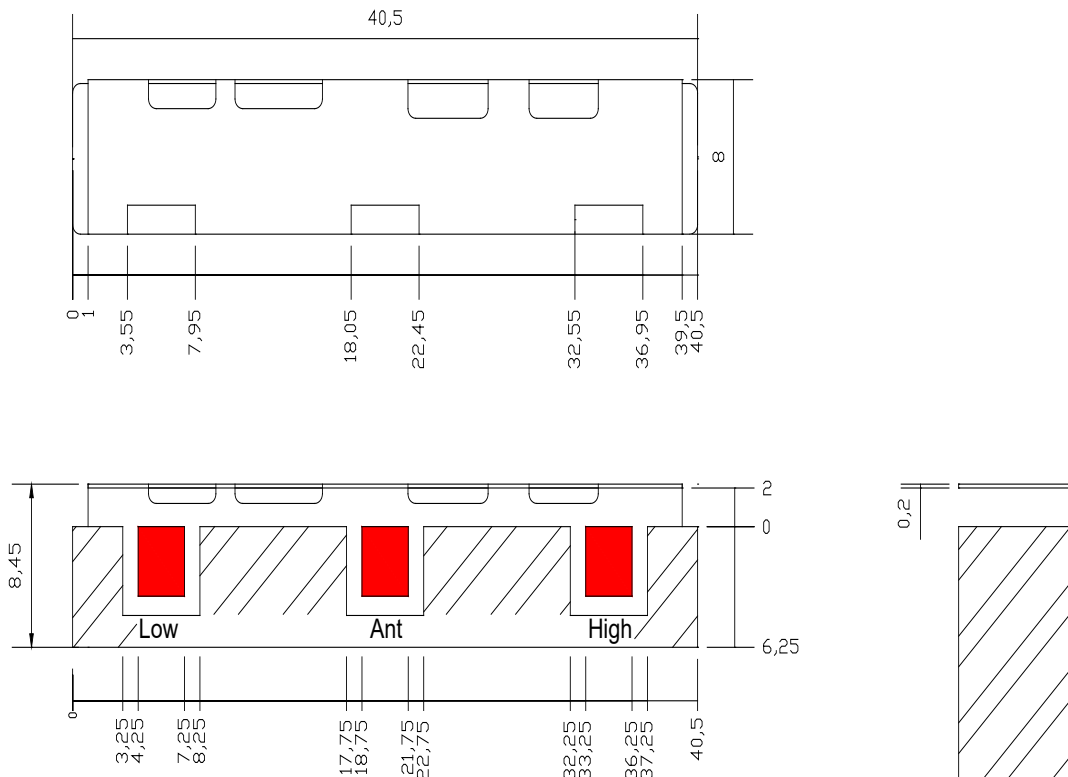
Characteristics	Band 1	Band 2
Center Frequency:	1500 MHz	1650 MHz
Passband:	1475-1525 MHz	1625-1675 MHz
Bandwidth:	50 MHz	50 MHz
Return Loss:	14 dB min	14 dB min
Insertion Loss:	1.4 dB max	1.4 dB max
Passband Ripple:	0.6 dB max	0.6 dB max
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	40 dB min	40 dB min
Power Handling:	2W	2W

Mechanical	
Mounting Method:	SMT
Dimensions:	40.5 X 8 X 8.45 mm

Environmental	
Operating Temperature:	-40 to +85 deg.C
Storage Temperature:	-50 to +90 deg.C

**This product is RoHs compliant.**

**Outline Drawing:**



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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**PCB Footprint:**

