



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

680.5 MHz / 634.5 MHz

Ceramic Duplexer Connectorized

Part Number: AE680-634CD1204-C



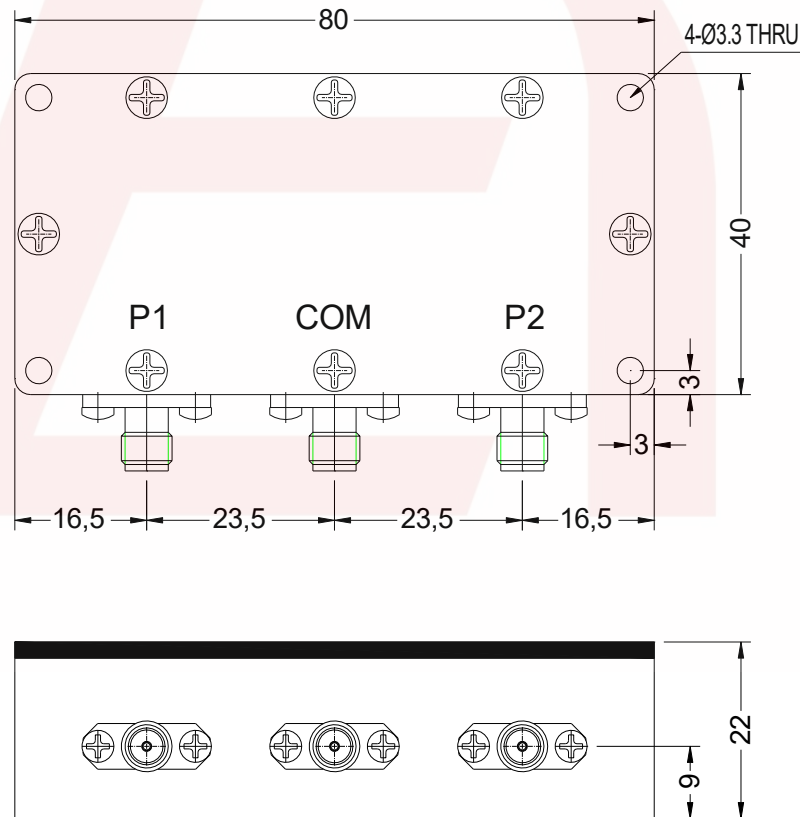
<u>Characteristics</u>	<u>Band 1 – RX (P1)</u>	<u>Band 2 – TX (P2)</u>
Center Frequency:	680.5 MHz	634.5 MHz
Bandwidth:	35 MHz	35 MHz
Return Loss:	13 dB min	13 dB min
Insertion Loss:	3.5 dB max	3.5 dB max
Ripple in BW:	2.0 dB max	2.0 dB max
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	50 dB min @ 617 – 652 MHz	50 dB min @ 663 – 698 MHz
Power Handling:	3.0 W	

<u>Mechanical</u>	
Mounting Method:	Thru Holes
Connectors:	SMA Female
Dimensions:	80 X 40 X 22 mm

<u>Environmental</u>	
Operating Temperature:	-20 to +85 deg.C
Storage Temperature:	-55 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.

DS-CD1204-C-08152022-Rev1

*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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Response Plot:



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