ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2025-2125 MHz / 2200-2300 MHz

Ceramic Duplexer

Part Number: AE2075-2250CD1202

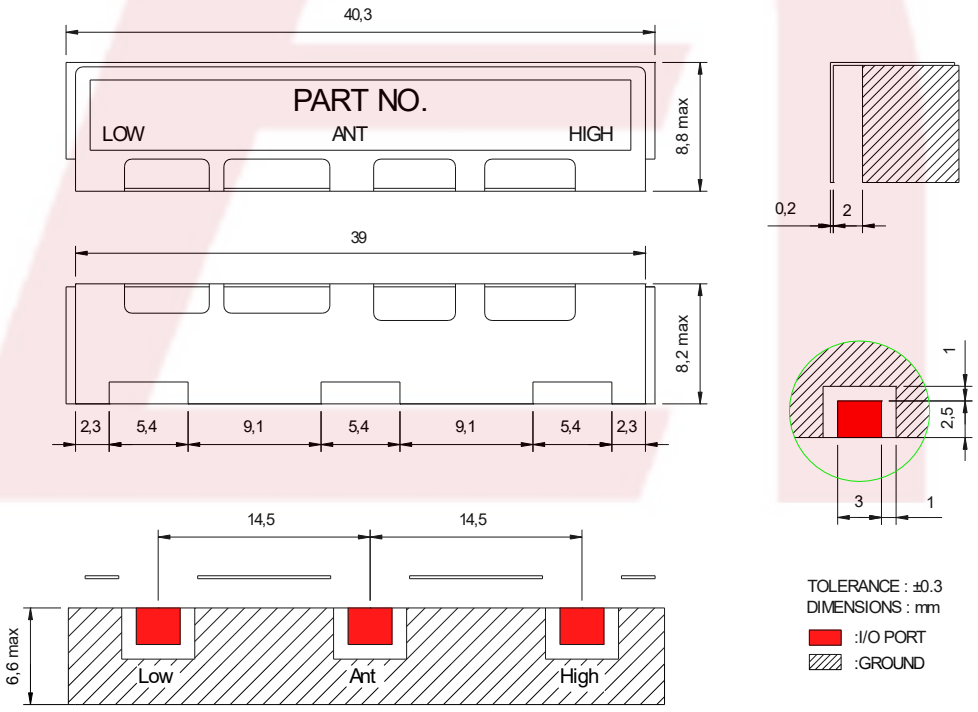
ISO 9001 CERTIFIED

Characteristics	Band 1	Band 2
Center Frequency:	2075 MHz	2250 MHz
Passband:	2025 - 2125 MHz	2200 - 2300 MHz
Bandwidth:	100 MHz	100 MHz
Return Loss:	14 dB Min	14 dB Min
Insertion Loss:	2.0 dB Max	2.0 dB Max
Ripple in BW:	0.7 dB Max	0.7 dB Max
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	40 dB Min	40 dB Min
Power Handling:	2 W CW	2 W CW

Mechanical	
Mounting Method:	SMT
Dimensions:	40.3 x 8.8 x 6.6 mm

Environmental	
Operating Temperature:	-30°C to +55°C
Storage Temperature:	-55°C to +80°C
Shock:	10 G. 11ms
Vibration:	10 G. 5 to 2000 Hz

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.

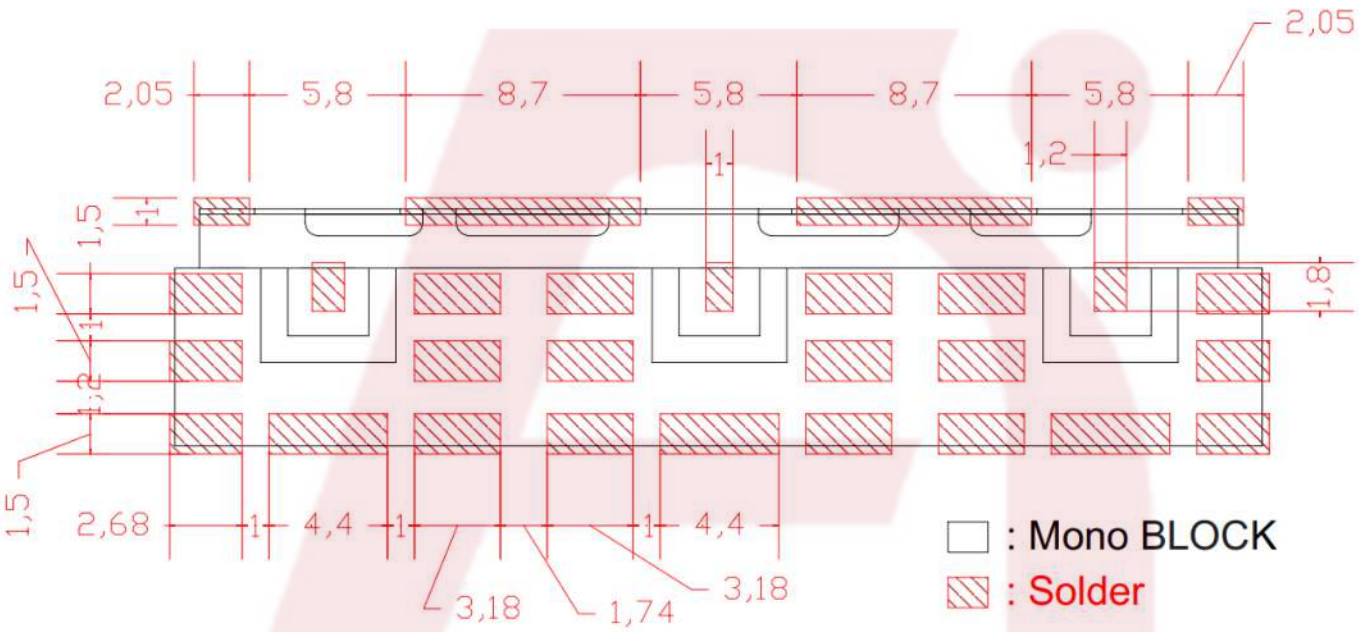
RoHS COMPLIANT

DS-CD1202-07172025-Rev5

70 Outwater Lane **Phone: (973) 772-4242**
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Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com

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PCB Footprint:



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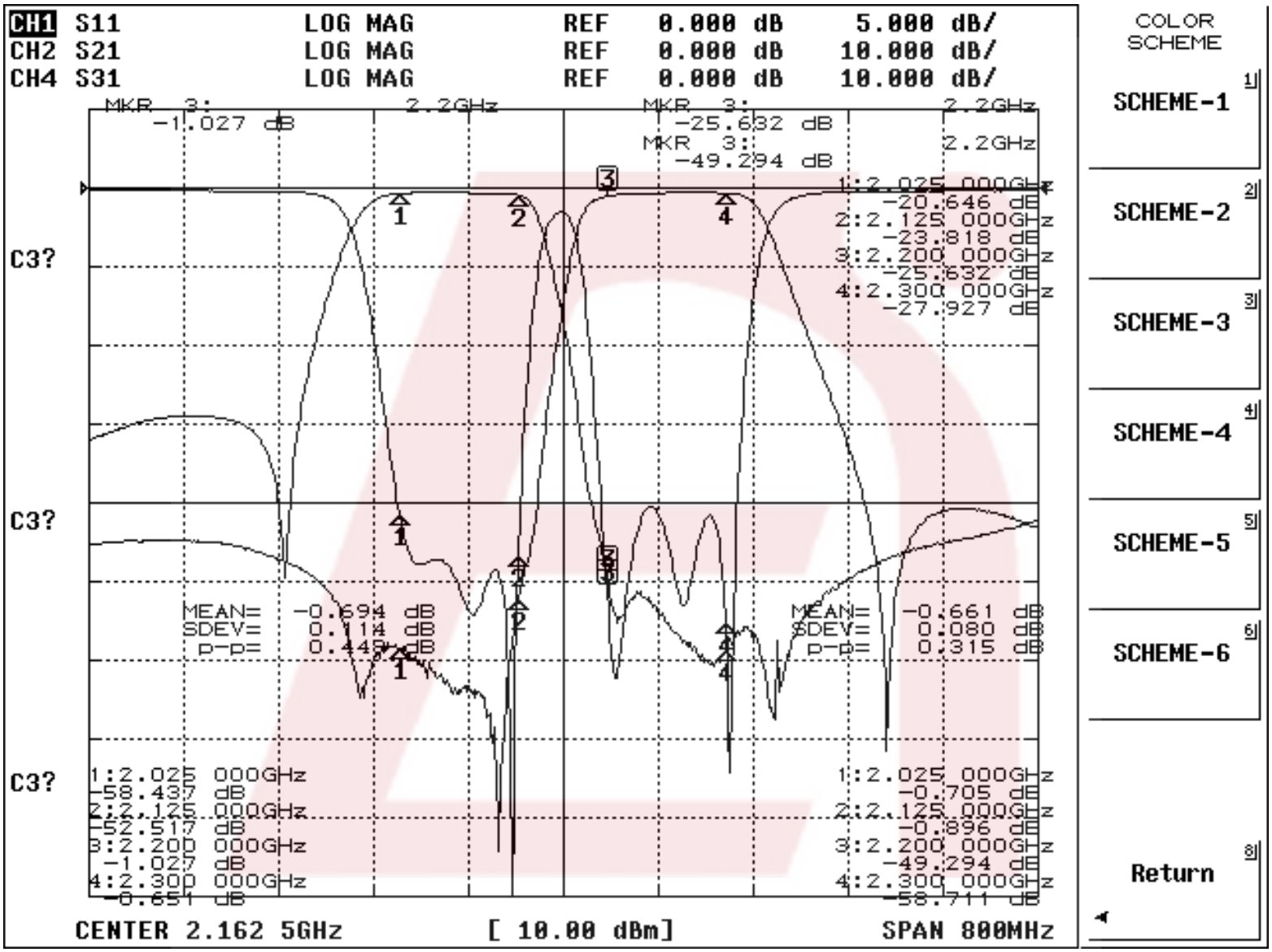
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Response Plot:



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