



# 1920-1980MHz/211-2170MHz Ceramic Duplexer

## Part Number: AM2100D121

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



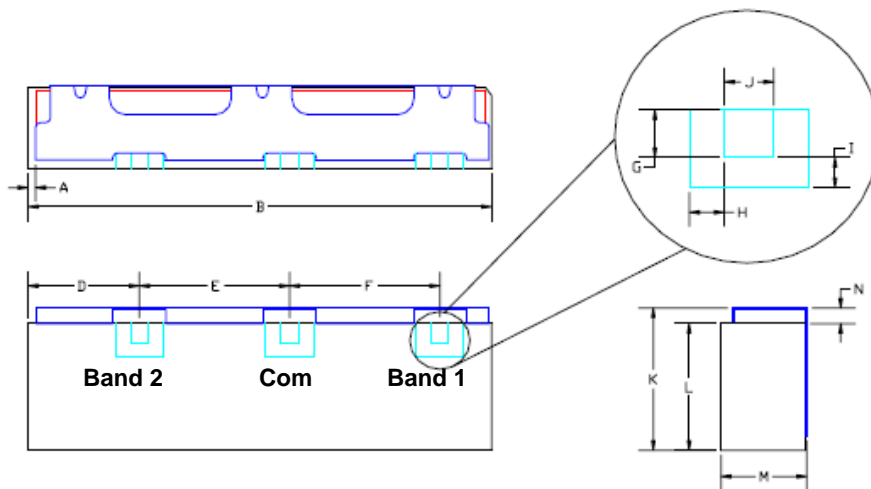
Characteristics	Band 1	Band 2
Passband:	1920-1980 MHz	2110-2170 MHz
Bandwidth:	60 MHz	60 MHz
Passband Return Loss:	12.5 dB min	12.5 dB min
Passband Insertion Loss:	1.3 dB max	1.3 dB max
Passband Ripple:	.60 dB max	.60 dB max
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	55.5 dB min	55.5 dB min
Power Handling:	5 W max	5 W max

Mechanical	
Mounting Method:	SMT
Dimensions:	24.04 x 6.75x 4.6 mm

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

This product is RoHS compliant.

### Outline Drawing:



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	0.25	0.25
B	24.04	max
C		
D	2.72	0.25
E	7.44	0.13
F	10.52	0.13
G	1.02	0.13
H	0.79	0.13
I	0.79	0.13
J	0.89	0.13
K	6.75	max
L	5.64	max
M	4.60	max
N	0.84	0.13



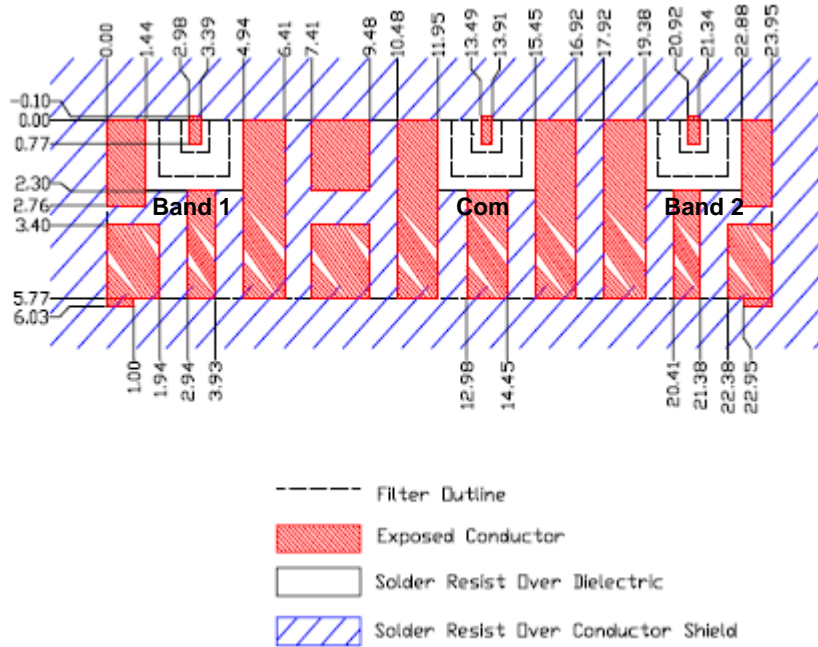
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### PCB Layout:



### Response Plot:

