



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

# 831.5 / 876.5 MHz Ceramic Duplexer

**Part Number: AM831-876D1011**



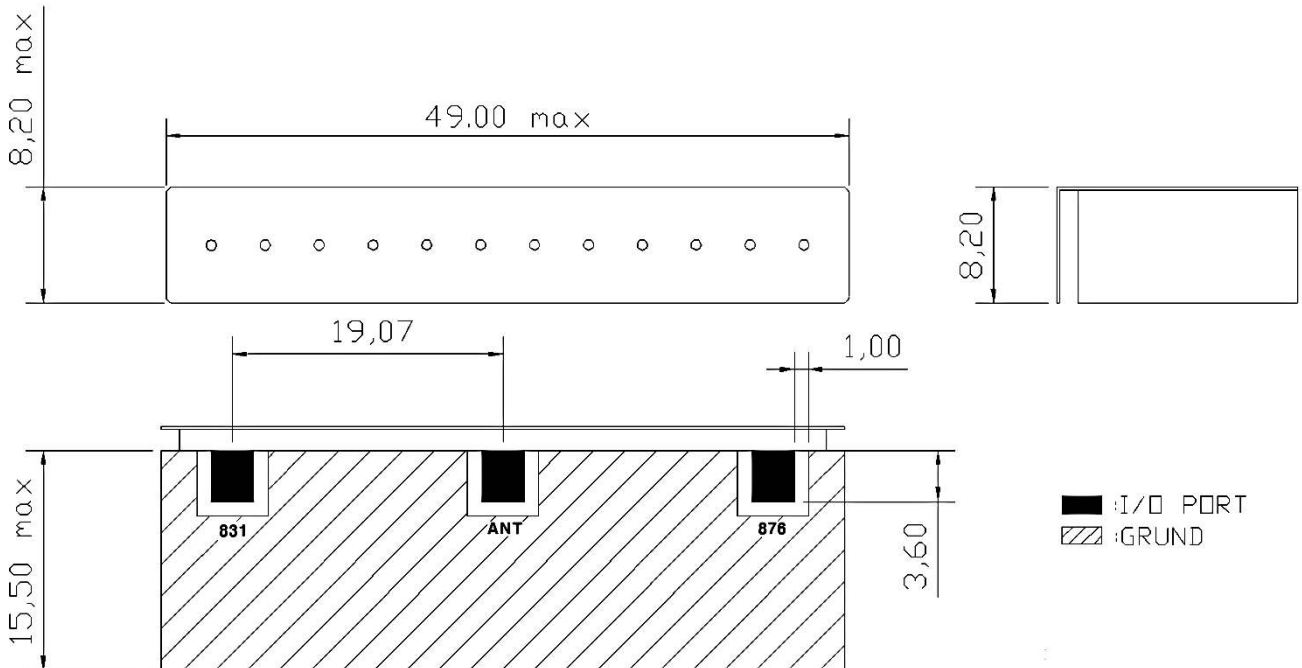
	Band 1	Band 2		
<b>Center Frequency</b>	831.5 MHz	876.5 MHz		
<b>Bandwidth</b>	Fo ±17.5 MHz	Fo ±17.5 MHz		
<b>Insertion Loss</b>	3.0 dB max.	3.0 dB max.		
<b>Ripple in BW</b>	2.0 dB max.	2.0 dB max.		
<b>Return Loss</b>	15 min			
<b>Attenuation</b>	Frequency	Attenuation	Frequency	Attenuation
	859 ~ 894 MHz	35 dB min	814~ 849 MHz	35 dB min
<b>In/Out Impedance</b>	50 Ω		50 Ω	
<b>Input Power (Max)</b>	3W		3W	

Mechanical	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	49 x 15.50 x 8.20 mm

Environmental	
<b>Operating Temperature:</b>	-20 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**This product is RoHs compliant.**

## Outline Drawing:





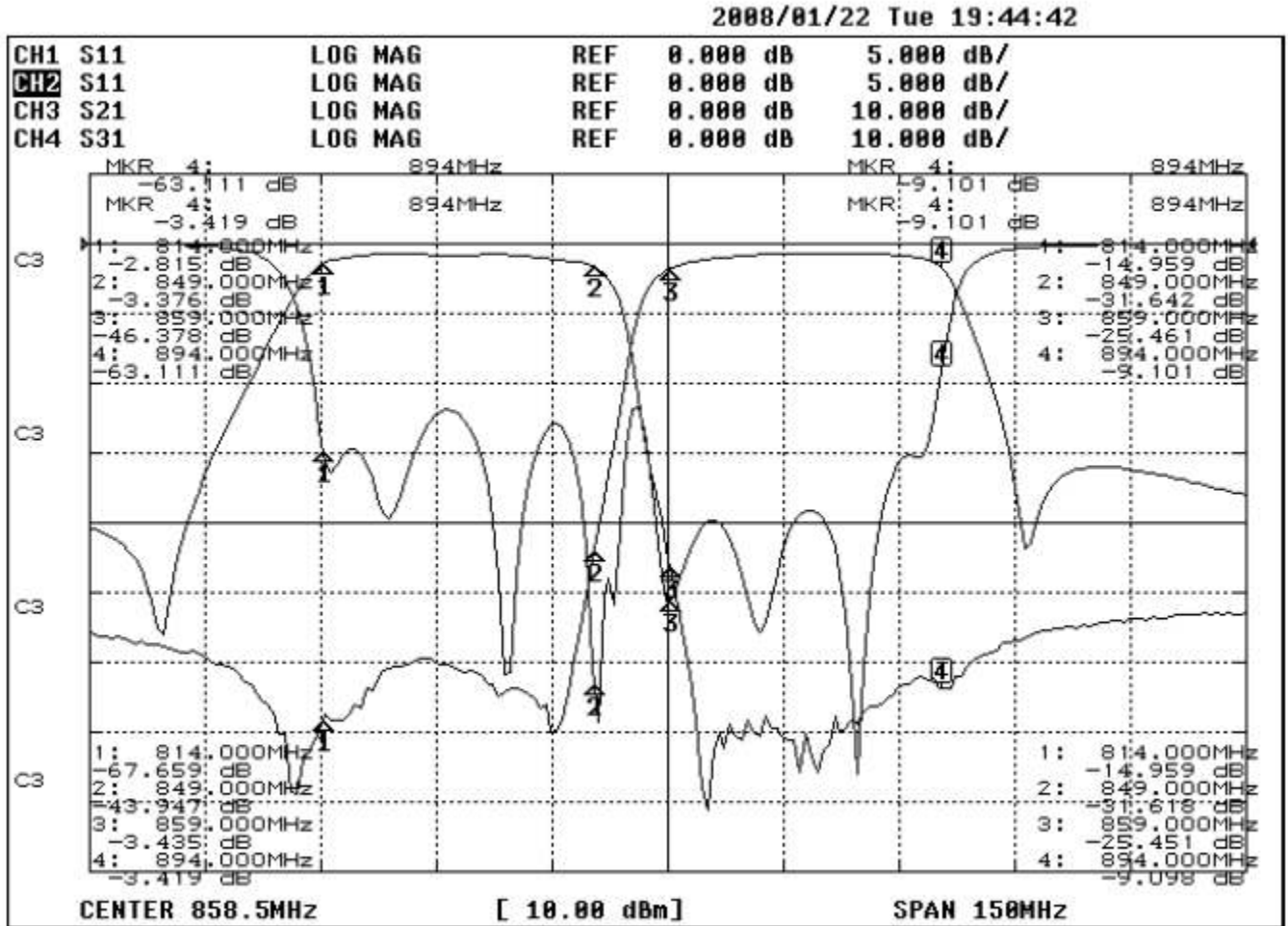
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## Response Plot:



Available at our Web store:

70 Outwater Lane Phone: (973) 772-4242  
Garfield, NJ 07026 Fax : (973) 772-4646



Email: [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)  
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