



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5-65/85-1002 MHz LC Diplexer

Part Number: AE65-85DB5389



Parameters	Specifications	
Cutoff Frequency (Fc)	65 MHz	85 MHz
Frequency Range	5 - 65 MHz (Low)	85 -1006 MHz (High)
Insertion Loss in Pass Band	<1.6 dB	<1.6 dB
Ripple in Pass Band	<1.0 dB	<1.0 dB
Return Loss in Pass Band	>12 dB	>12 dB
Rejection	>45 dB @ 85-120 MHz >50 dB @ 120-500 MHz >45 dB @ 500-700 MHz >35 dB @ 700-1006 MHz	>45 dB @ 60-65 MHz >50 dB @ 5-60 MHz
Group Delay Variation	<35 ns @ 5 - 65 MHz	<45 ns @ 85 - 1006 MHz
In/Out Impedance	75 Ohms	
Power Handling	20 dBm	

Mechanical

Mounting Method: SMT

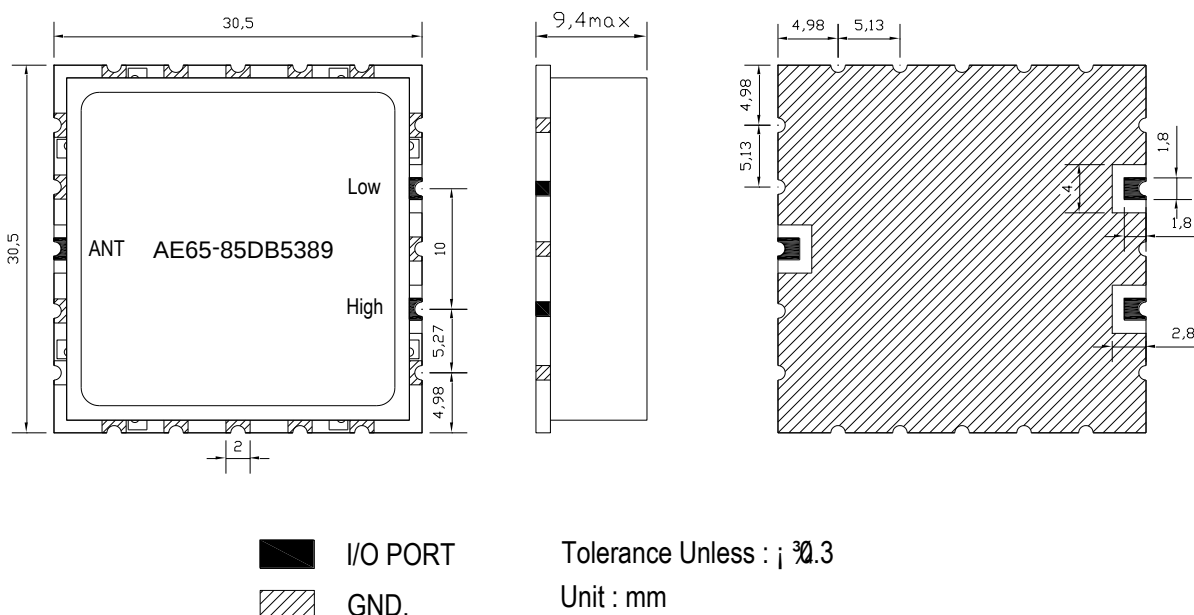
Dimensions: 30.5 x 30.5 x 9.4 mm

Environmental

Operating Temperature: -30 to +75° C

This product is RoHS compliant.

Outline Drawing:





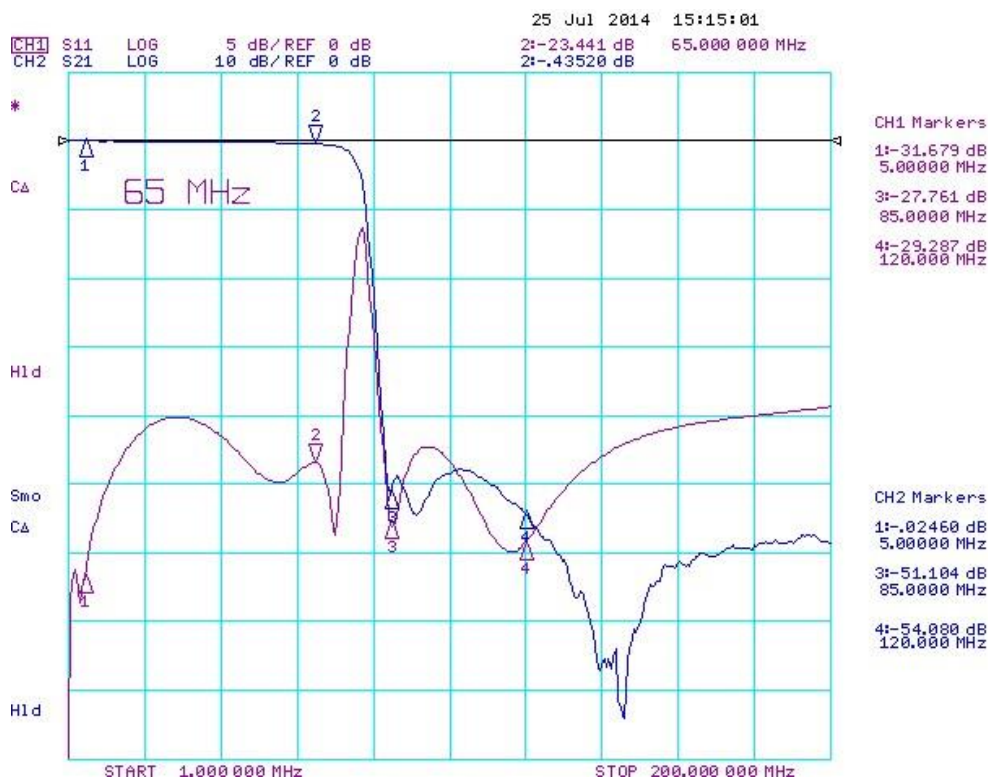
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Plot:





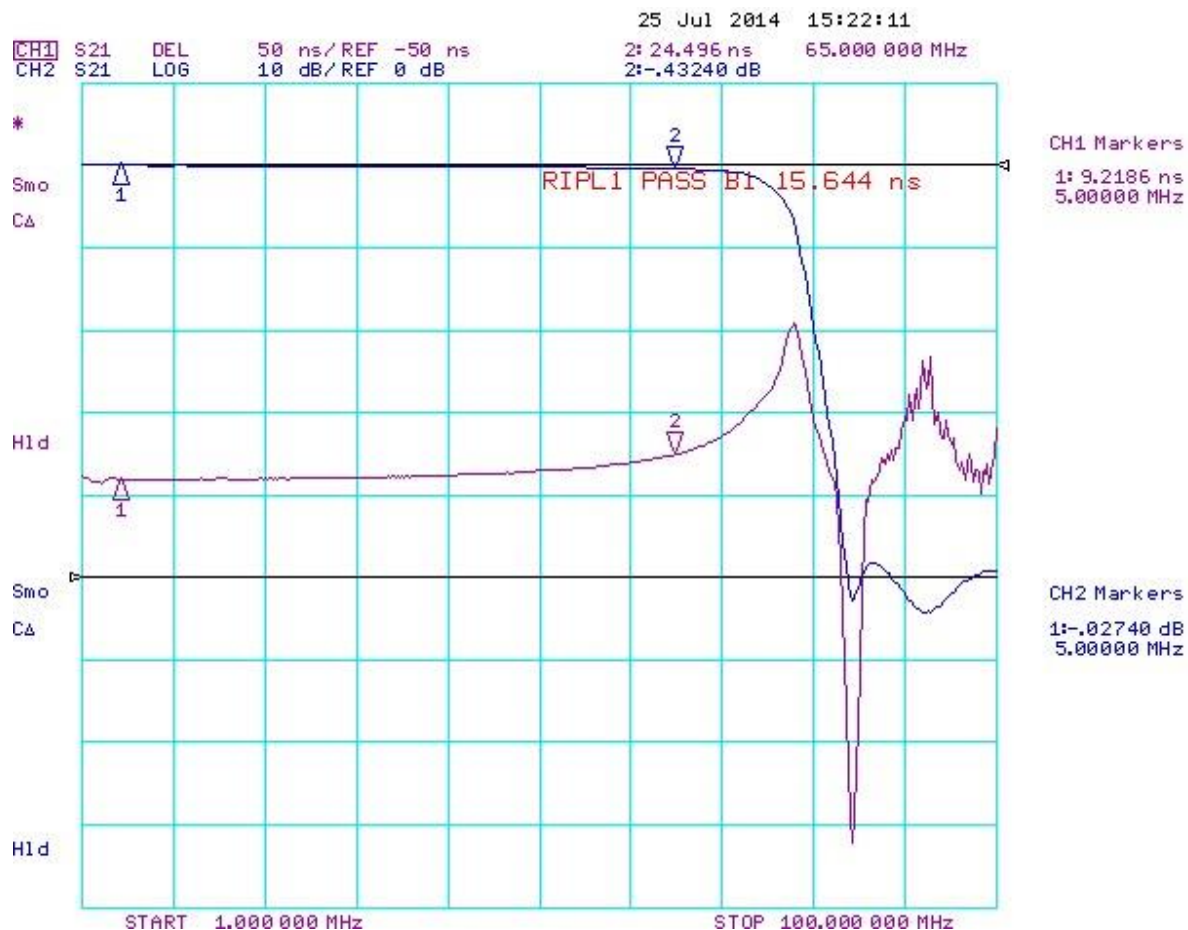
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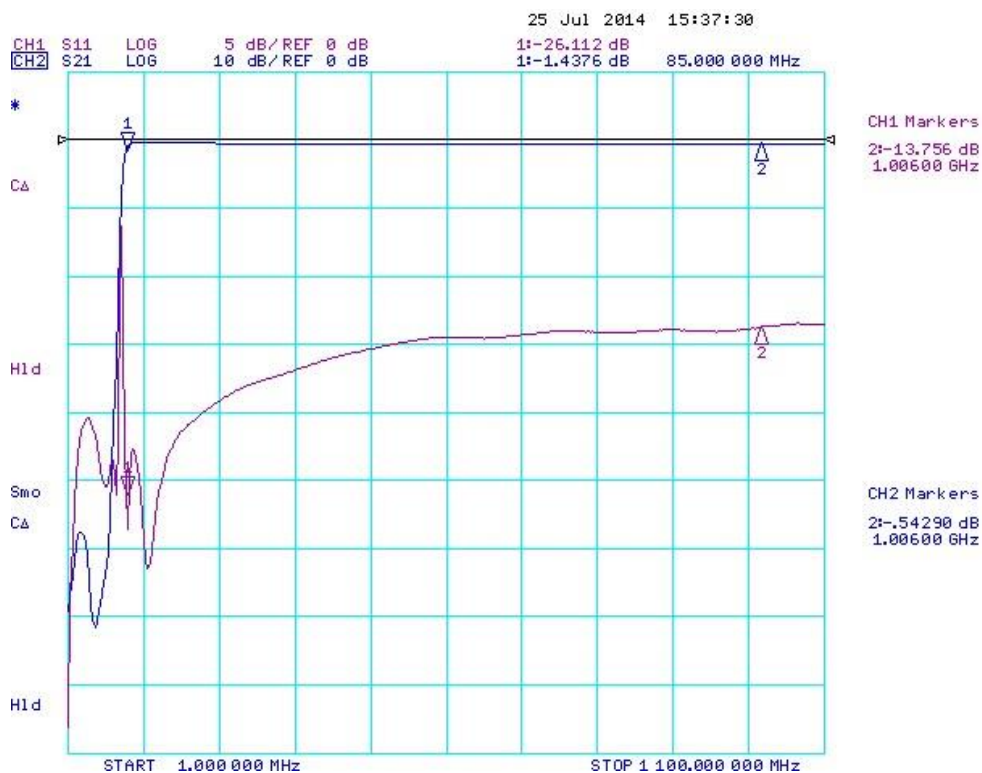
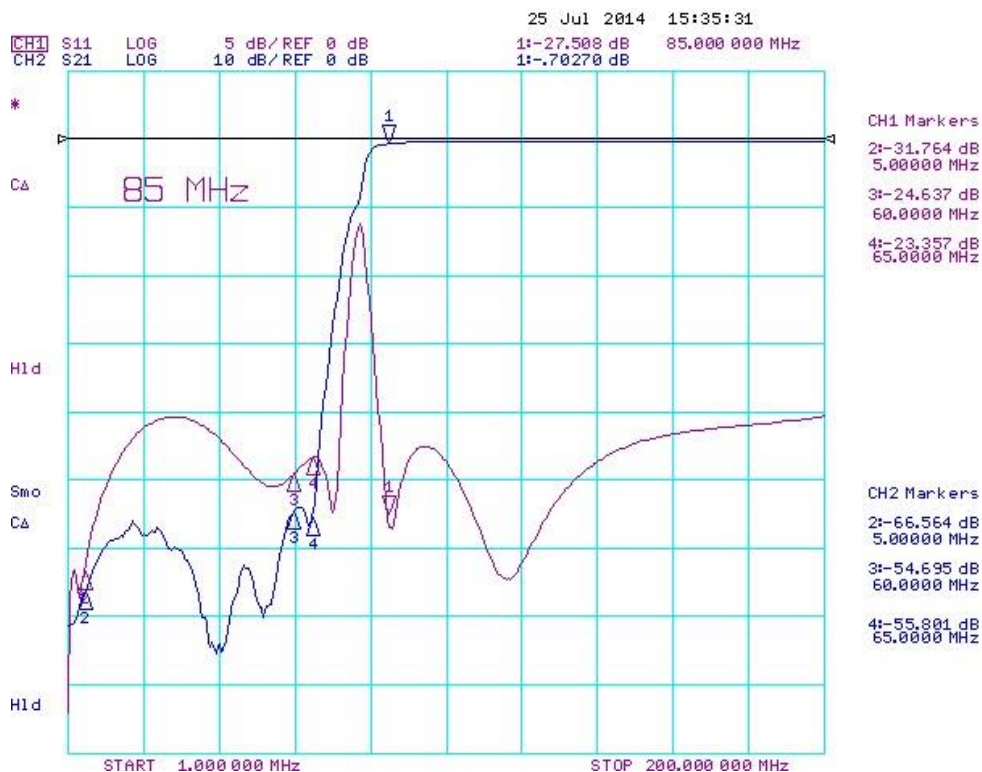
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