



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

# 35 MHz LC Bandpass Filter

**Part Number: AE35B5045**



## Electrical Specifications

**Center Frequency:** 35 MHz  
**3-dB Bandwidth:** 1 MHz Min.  
**Insertion Loss:** <3dB  
**Return Loss:** >14dB  
**Impedance:** 50 Ohms

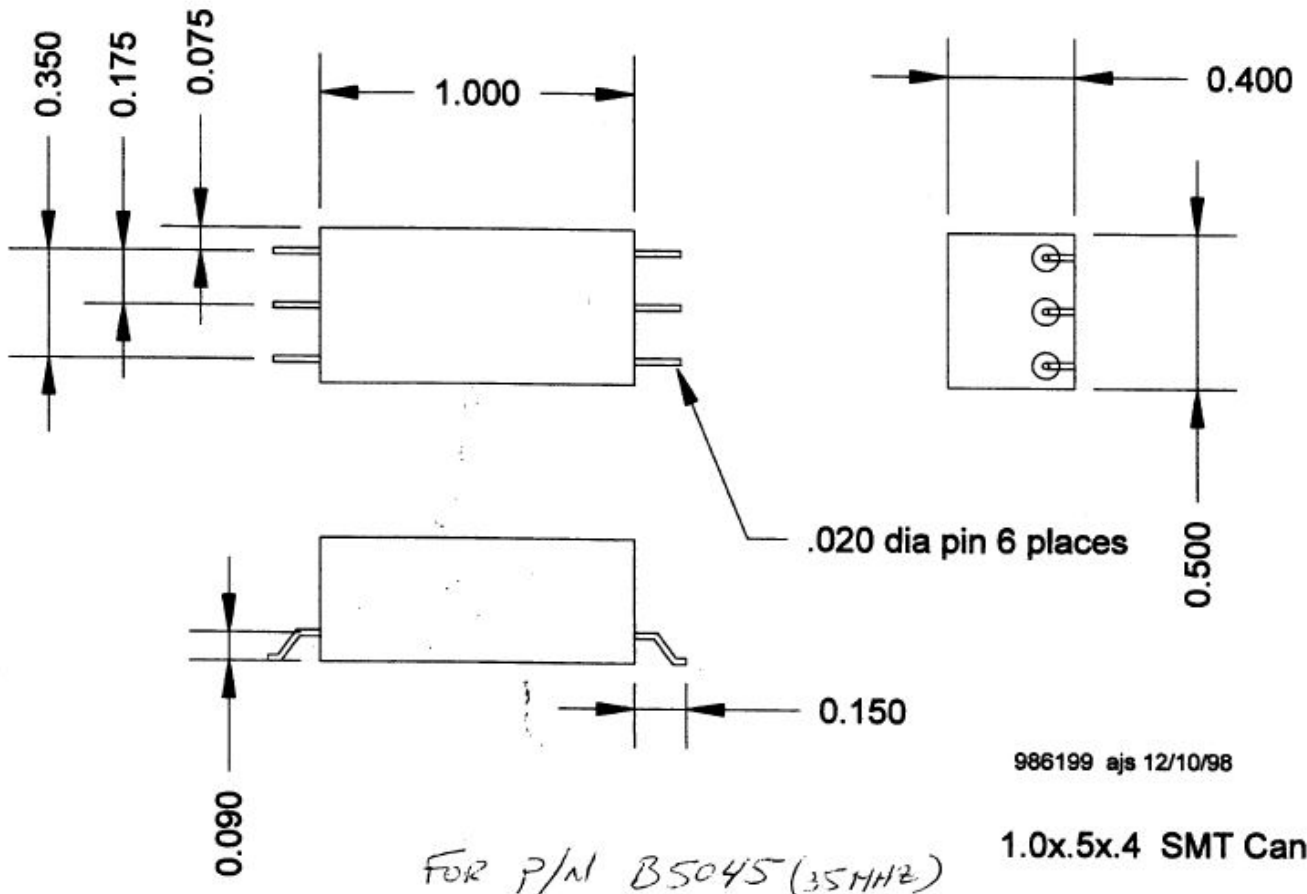
## Mechanical

**Connector Type:** Surface-Mount  
**Dimensions:** 1.0" x 0.5" x 0.4" in.

## Environmental

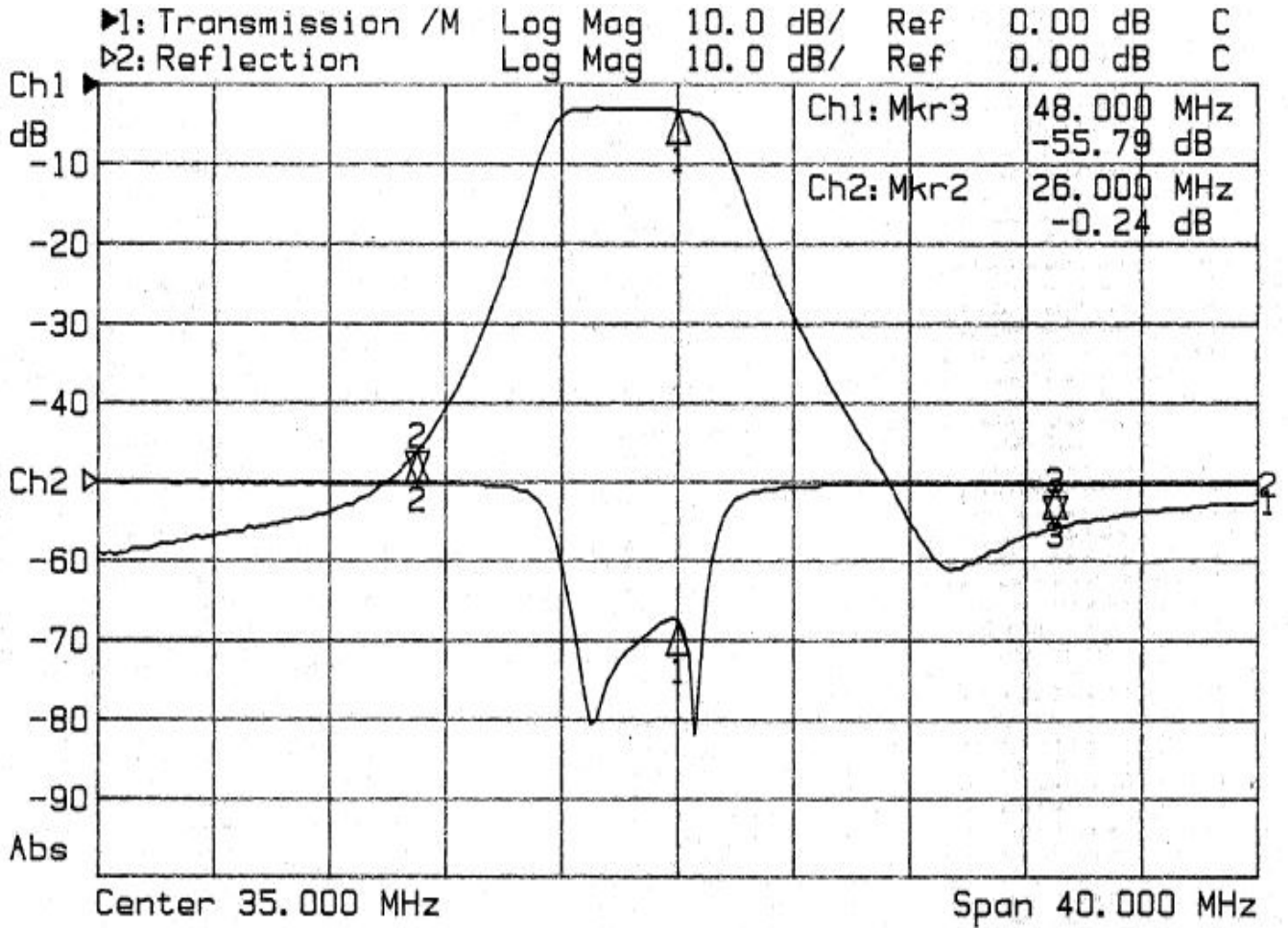
**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

## Outline Drawing:





**Response Plot:**



Marker	Freq (MHz)	Ch 1 (dB)	Ch 2 (dB)
1	35.000	-3.32	-17.62
2	26.000	-46.13	-0.24
3	48.000	-55.79	-0.33
4			
5			
6			
7			
8			