

# KR Electronics

## General Description

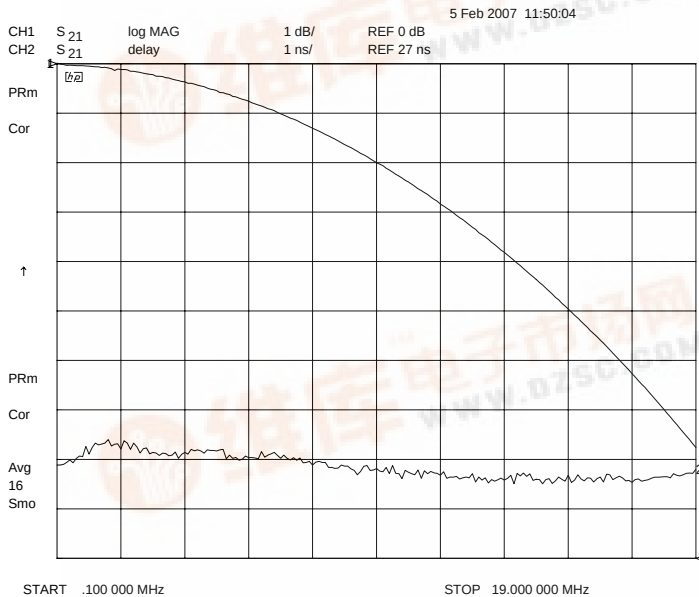
KR 2758 is a 12 MHz modified Bessel lowpass filter. The filter has constant delay and good transient characteristics. The 3 dB bandwidth is 12 MHz and the filter is designed for 50  $\Omega$  source and load impedance. Other passband frequencies, bandwidths and impedances are available. Please consult the factory.

## Features

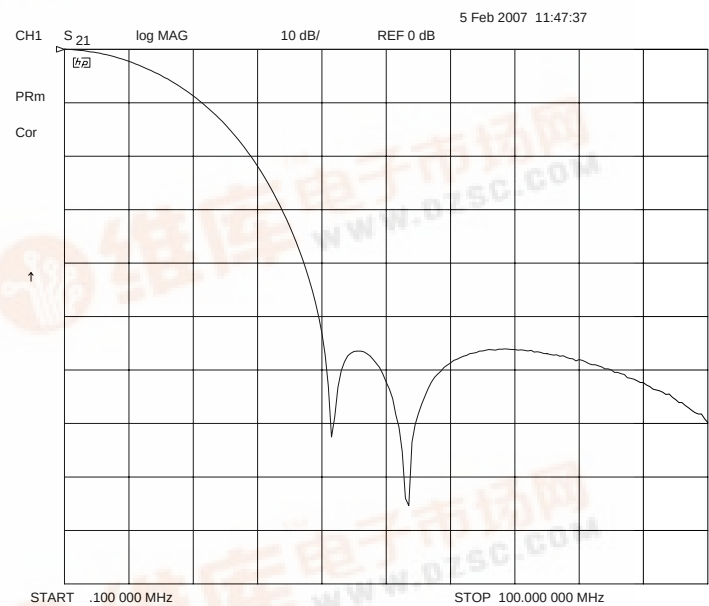
- 12 MHz modified Bessel
- Constant delay and linear phase
- Good transient characteristics
- 50  $\Omega$
- DIP Package

## Typical Performance

**Amplitude & Group Delay**  
(1 dB/div & 1 nsec/div)



**Overall Response**  
(10 dB/div)



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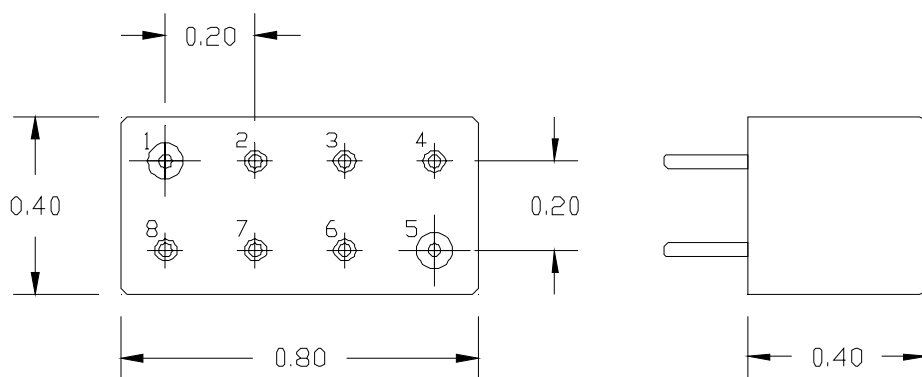


## KR Electronics 2758

### Specifications

| Parameter               | Specification       |
|-------------------------|---------------------|
| Filter type             | Lowpass             |
| 3 dB Bandwidth          | 12 MHz              |
| Attenuation at 40 MHz   | Approximately 50 dB |
| Constant Group Delay to | 19 MHz              |
| Source & Load           | 50 $\Omega$         |
|                         |                     |
|                         |                     |
|                         |                     |
|                         |                     |

### Physical Dimensions



Metal Case  
Pin 1 is Input Pin 5 is Output  
All other Pins are Ground  
All leads .030" diameter  
Dimensions inches