

KR Series 2381 Lowpass Filter

General Description

KR Series 2381 are high performance lowpass filters with group delay equalization. The filters can be supplied with or without Sin(x)/x correction. Passbands can be specified from 10 MHz to 50 MHz. The filters are available in a small SIP package.

Features

- High performance lowpass
- Passbands from 10 to 50 MHz
- Group delay equalization
- Sin(x)/x correction available
- Small SIP Package

Typical Performance

Passband Response & Group Delay $f_c=30$ MHz
(0.2 dB/div & 3 nsec/div) 100 KHz to 30 MHz

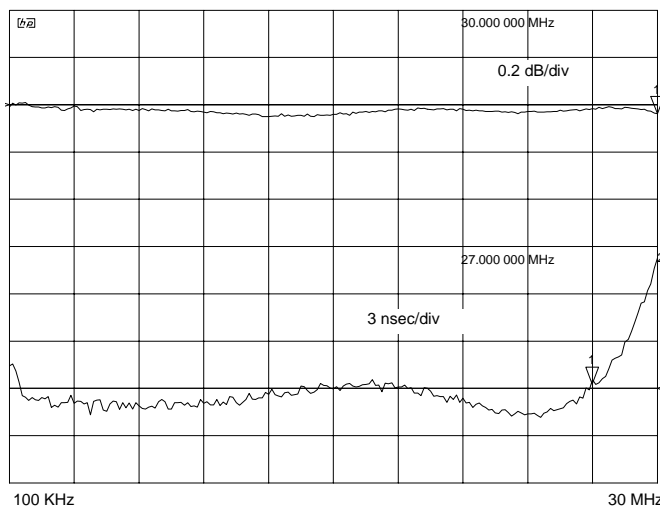


Figure 1

Overall Response $f_c=30$ MHz
(10 dB/div) 100 KHz to 100 MHz

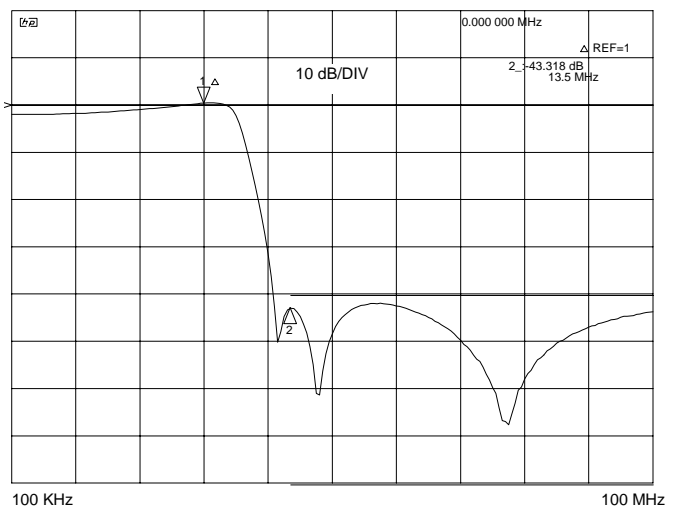


Figure 2

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Specifications

Parameter	Specification	
Filter type	Lowpass	
Insertion Loss	< 1 dB Consult factory if Sin(x)/x Correction is included	
End of Passband f_c	10 MHz to 50 MHz	User Specified
Passband Ripple	< 0.2 dB	
> 40 dB Attenuation	1.45 x f_c	
Group Delay Ripple to 0.9 x f_c	Consult Factory	
Sin(x)/x Correction	Available	User Specified
Source and Load	75 Ω	Consult Factory for other

Physical Dimensions

