

MADE-TO-ORDER CRYSTAL FILTERS

SPECIMEN FILTER DESIGN - 2



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Crystal Filter 19.850MHz

This miniature discrete filter has been produced in a very small package.

General Specification

Centre Frequency:	19.850MHz
Insertion Loss:	2dB max.
Ripple:	0.5dB max.
0.5dB	± 7.7 kHz
1.0dB	± 12 kHz
25dB	± 22.3 kHz
45dB	± 30 kHz max.
Ultimate Attenuation:	45dB
Group Delay	
± 7.7 kHz	$13\mu\text{s}$ p-p max.
Impedance:	50Ω
Temperature Range:	0° to $+70^\circ\text{C}$
Shock:	30g 11ms half sine

Outline and Dimensions

