

SPECIFICATION FOR CRYSTAL FILTER MCF 10.7-7.5B

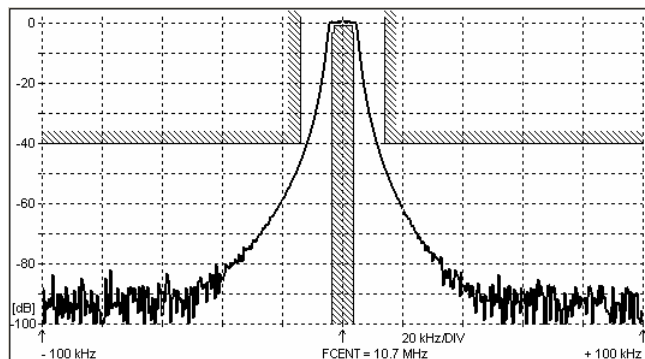
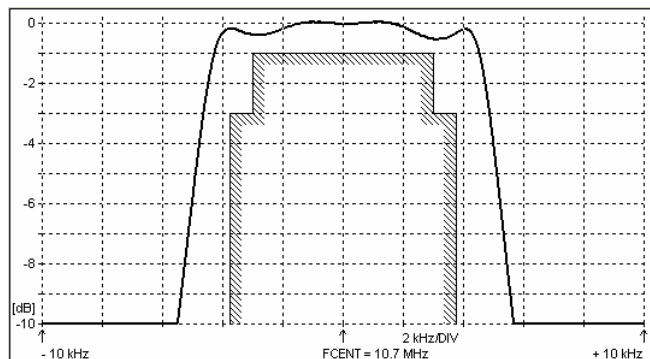
Number: 91 781
Drawing: 61 9573

1. Electric values

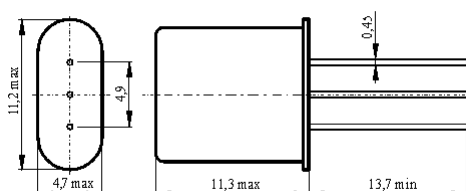
1.0 Number of poles :	4
1.1 Nominal centre frequency f_{nom} :	10.7 MHz
1.2 Bandwidth between 3 dB frequencies :	$\geq \pm 3.75$ kHz
1.3 Ripple in band $f_{nom} \pm 3.0$ kHz :	≤ 1.0 dB
1.4 Insertion loss :	≤ 2.5 dB
1.5 Stop band $f_{nom} \pm 14$ kHz :	≥ 40 dB
$f_{nom} + 300 \dots + 1000$ kHz :	≥ 50 dB
$f_{nom} - 200 \dots - 1000$ kHz :	≥ 70 dB
1.6 Terminating impedance (input and output) :	1800 Ohm // 5.0 pF
Coupling capacitance :	11.0 pF
1.7 Operating temperature range :	-30°C to +70°C
1.8 Case :	2 x HC-49U / 3pin
1.9 Marking on the case :	YY = year WW = week

KRYSTALY CZ
10.7-7.5B
YYWW

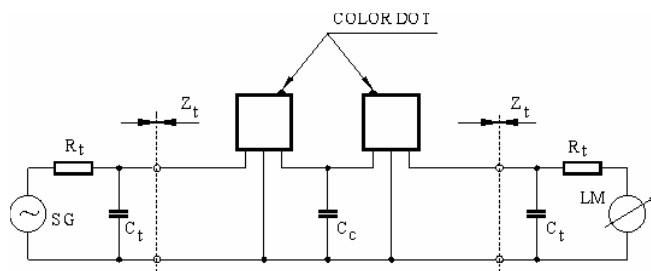
2. Characteristics MCF 10.7-7.5B



Dimensions [mm] Case HC-49U / 3 pin



Measurement Circuit



edited 27.12.2012 P. Seidl