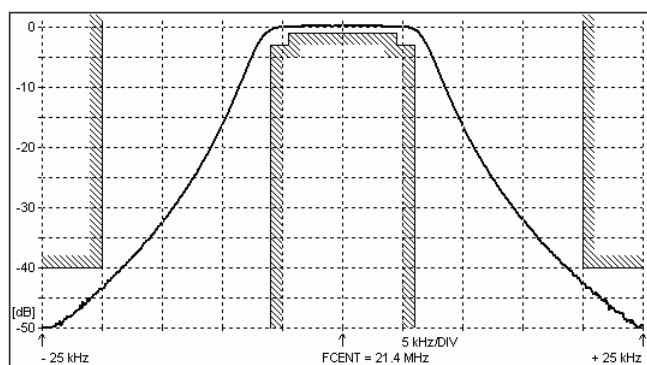
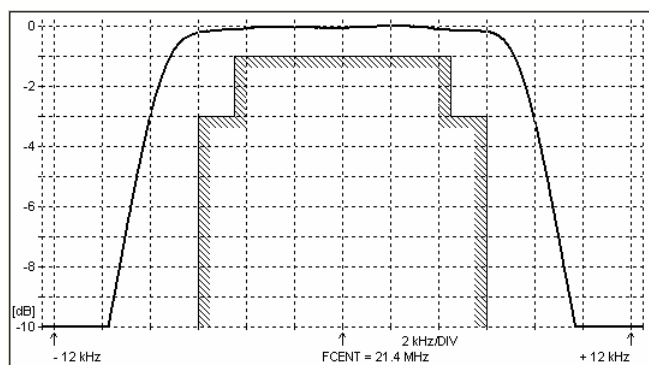
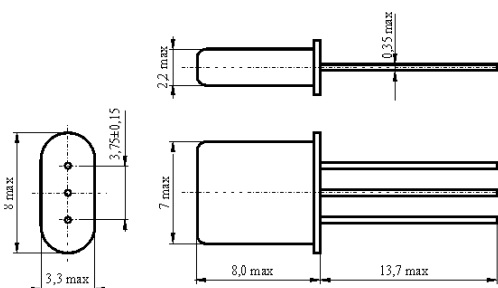
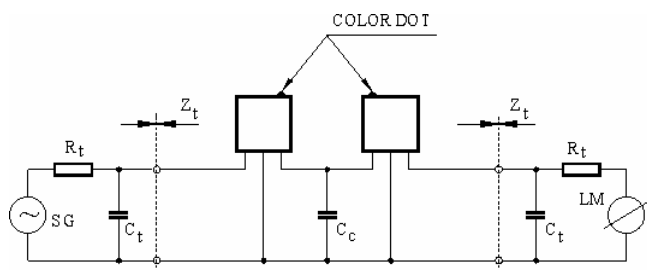
**SPECIFICATION FOR CRYSTAL FILTER**
MCF 21.4-12BNumber: 91 778
Drawing: 61 9574**1. Electric values**

- 1.0 Number of poles : 4
- 1.1 Nominal centre frequency f_{nom} : 21.4 MHz
- 1.2 Bandwidth between 3 dB frequencies : $\geq \pm 6.0$ kHz
- 1.3 Ripple at $f_{nom} \pm 4.5$ kHz : ≤ 1.0 dB
- 1.4 Insertion loss : ≤ 2.0 dB
- 1.5 Stop band: $f_{nom} \pm 20$ kHz : ≥ 40 dB
 $f_{nom} + 350 \dots + 1000$ kHz : ≥ 65 dB
 $f_{nom} - 200 \dots - 1000$ kHz : ≥ 80 dB
- 1.6 Terminating impedance (input and output) : 1200 Ohm // 2.5 pF
Coupling capacitance : 10.5 pF
- 1.7 Operating temperature range : -40°C až $+70^\circ\text{C}$
- 1.8 Case : 2 x UM-1
- 1.9 Marking on the case :

KRYSTALY
21.4-12B
YYWW

YY = year
WW = week

2. Characteristics MCF 21.4-12B**Dimensions [mm]**
Case UM-1**Measurement Circuit**

edited	25.03.2011	P. Seidl
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