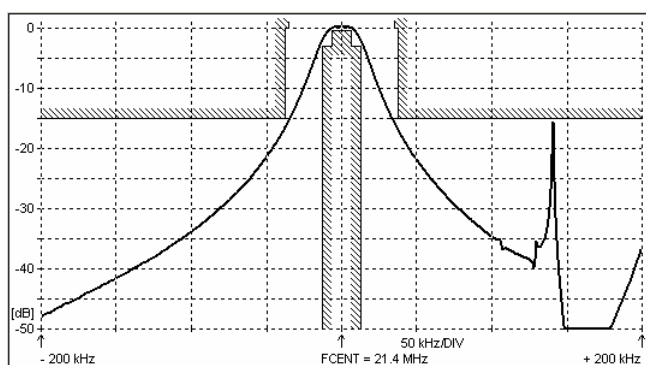
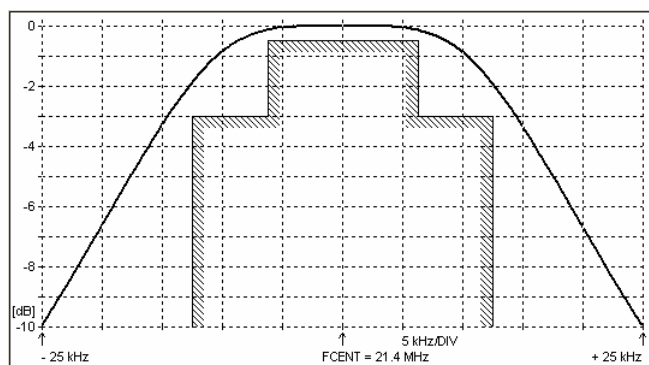
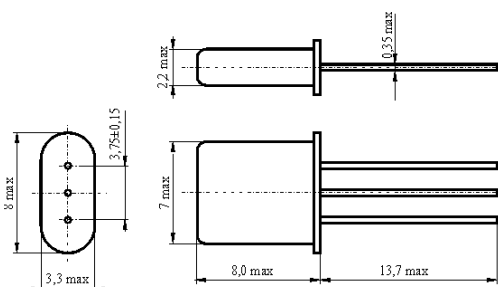
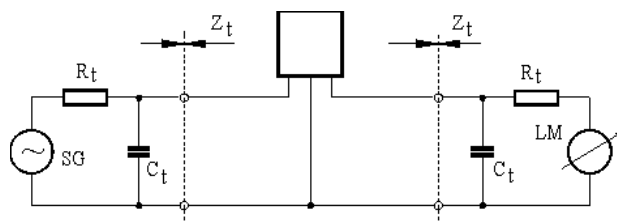
**SPECIFICATION FOR CRYSTAL FILTER**
MCF 21.4-25ANumber: 91 708
Drawing: 61 9570**1. Electric values**

- 1.0 Number of poles : 2
- 1.1 Nominal centre frequency f_{nom} : 21.4 MHz
- 1.2 Bandwidth between 3 dB frequencies : $\geq \pm 12.5$ kHz
- 1.3 Ripple at $f_{nom} \pm 8$ kHz : ≤ 0.5 dB
- 1.4 Insertion loss : ≤ 2.0 dB
- 1.5 Stop band $f_{nom} \pm 37.5$ kHz : ≥ 15 dB
- $f_{nom} + 300 \dots + 1000$ kHz : ≥ 35 dB (except spurious)
- $f_{nom} - 250 \dots - 1000$ kHz : ≥ 50 dB
- 1.6 Terminating impedance (input and output) : 2000 Ohm // 1.5 pF
- 1.7 Operating temperature range : -40°C až $+70^\circ\text{C}$
- 1.8 Case : UM-1
- 1.9 Marking on the case :

KRYSTALY
21.4-25A
YYWW

YY = year
WW = week

2. Characteristics MCF 21.4-25A**Dimensions [mm]**
Case UM-1**Measurement Circuit**

edited	18.07.2011	P. Seidl
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