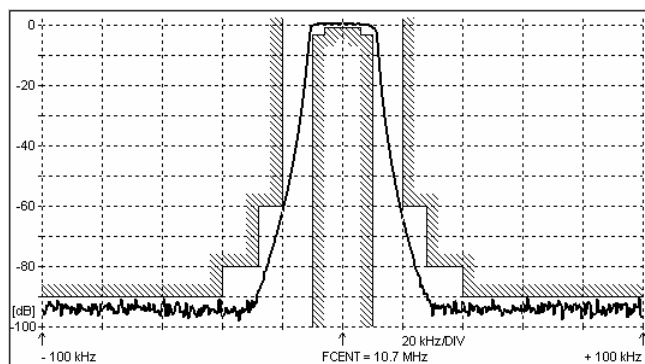
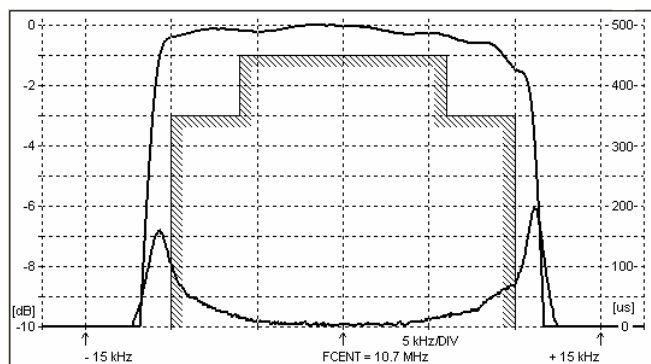
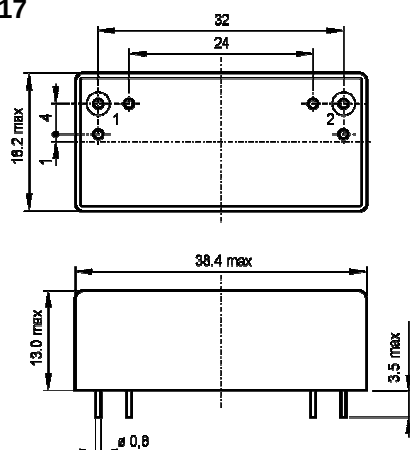
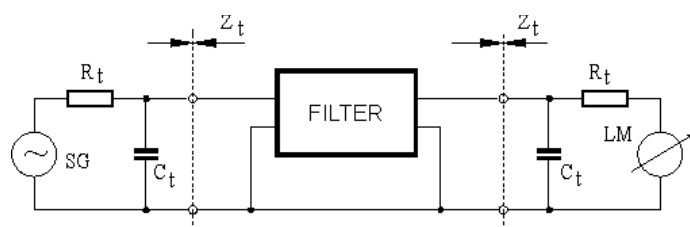
**SPECIFICATION FOR CRYSTAL FILTER**
MCF 10.7-20/08Number: 92 050
Drawing: 61 9580**1. Electric values**

- | | |
|--|--------------------------------|
| 1.0 Number of poles : | 8 |
| 1.1 Nominal centre frequency f_{nom} : | 10.7 MHz |
| 1.2 Bandwidth between 3 dB frequencies : | $\geq \pm 10$ kHz |
| 1.3 Ripple at $f_{nom} \pm 6.0$ kHz : | ≤ 1.0 dB |
| 1.4 Insertion loss : | ≤ 4.0 dB |
| 1.5 Group delay distortion $f_{nom} \pm 7.0$ kHz : | ≤ 35 μ s |
| 1.6 Return loss at $f_{nom} \pm 8.0$ kHz : | ≥ 10 dB |
| 1.7 Stop band $f_{nom} \pm 20$ kHz : | ≥ 60 dB |
| $f_{nom} \pm 28$ kHz : | ≥ 80 dB |
| 1.8 Ultimate attenuation $f_{nom} \pm 40$ kHz ± 10 MHz : | ≥ 90 dB (except spurious) |
| 1.9 Spurious responses at $f_{nom} \pm 40$ kHz ± 10 MHz : | ≥ 80 dB |
| 1.10 Terminating impedance (input and output) : | 50 Ohm // 0 pF |
| 1.11 Intermodulation at $P_{in} = -10$ dBm ($f_1 = \pm 30$ kHz, $f_2 = \pm 60$ kHz) | ≥ 80 dB |
| 1.12 Operating temperature range : | -40°C to +80°C |
| 1.13 Case : | KF 17 (38.4 x 18.2 x 13.0 mm) |
| 1.14 Marking on the case : | YY = year
WW = week |

KRYSTALÝ CZ
YYWW
10.7-20/08

2. Characteristics MCF 10.7-20/08**Dimensions [mm]**
Case KF-17**Measurement Circuit**

edited	26.08.2011	P. Seidl
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