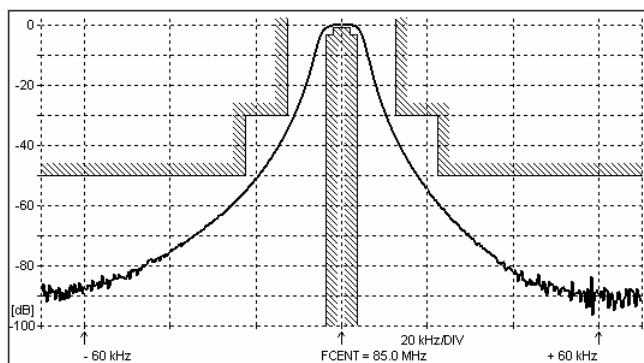
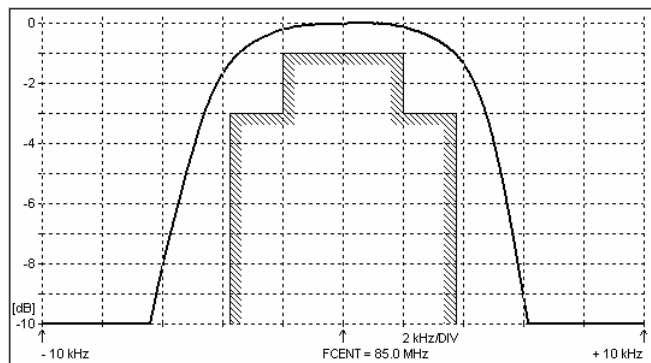
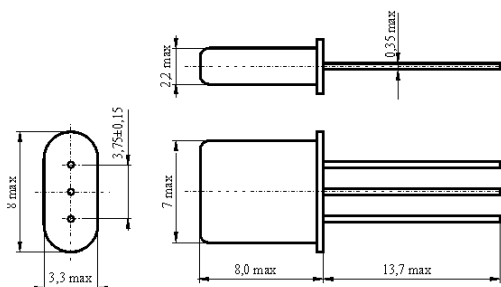
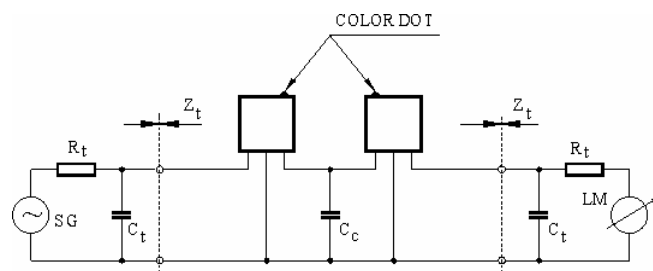
**SPECIFICATION FOR CRYSTAL FILTER**
MCF 85.0-7.5/04Number: 92 239
Drawing: 61 9574**1. Electric values**

- 1.0 Number of poles : 4 (3 rd overtone)
- 1.1 Nominal centre frequency f_{nom} : 85.0 MHz
- 1.2 Centre frequency f_c at 25°C : 85.0 MHz ± 1.5 kHz
- 1.2 Bandwidth between 3 dB frequencies : $\geq \pm 3.75$ kHz
- 1.3 Ripple at $f_{nom} \pm 2.0$ kHz : ≤ 1.0 dB
- 1.4 Insertion loss : ≤ 5.0 dB
- 1.5 Stop band $f_{nom} \pm 12.5$ kHz : ≥ 30 dB
- $f_{nom} \pm 22.5$ kHz : ≥ 50 dB
- $f_{nom} + 500 \dots + 1000$ kHz : ≥ 70 dB (except spurious)
- $f_{nom} - 200 \dots - 1000$ kHz : ≥ 75 dB
- 1.6 Terminating impedance (input and output) : 1200 Ohm // 0 pF
- Coupling capacitance : 1.2 pF
- 1.7 Operating temperature range : -20°C to +70°C
- 1.8 Case : 2 x UM-1
- 1.9 Marking on the case :

MCF
85.0-
7.5/04KRYSTALÝ
CZ
YYWWYY = year
WW = week**2. Characteristics MCF 85.0-7.5/04****Dimensions [mm]**
Case UM-1**Measurement Circuit**

edited 17.08.2012 P. Seidl