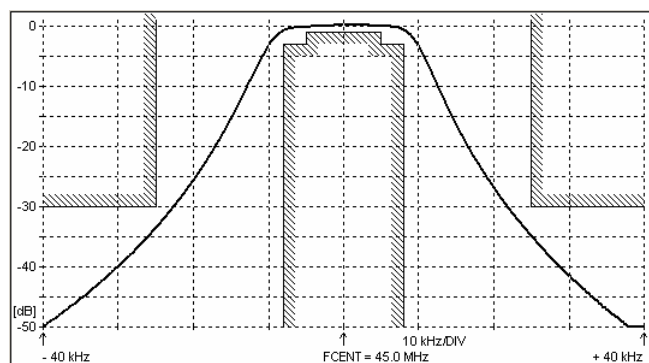
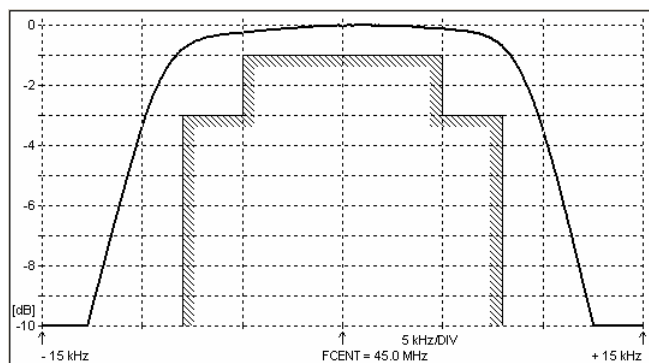
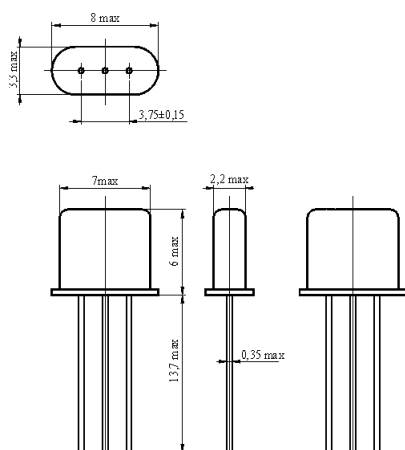
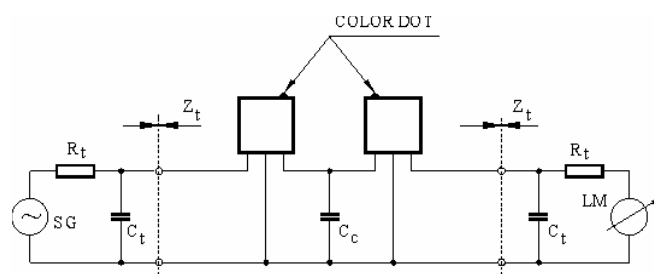
**SPECIFICATION FOR CRYSTAL FILTER**
MCF 45.0-16/04Number: 91 821
Drawing: 61 9575**1. Electric values**

- 1.0 Number of poles : 4
- 1.1 Nominal centre frequency f_{nom} : 45.0 MHz
- 1.2 Bandwidth between 3 dB frequencies : $\geq \pm 8.0$ kHz
- 1.3 Ripple at $f_{\text{nom}} \pm 5.0$ kHz : ≤ 1.0 dB
- 1.4 Insertion loss : ≤ 3.0 dB
- 1.5 Stop band $f_{\text{nom}} \pm 25$ kHz : ≥ 30 dB
 $f_{\text{nom}} - 910$ kHz : ≥ 90 dB
- 1.6 Terminating impedance (input and output) : 700 Ohm // 2.0 pF
Coupling capacitance : 10 pF $\pm 10\%$
- 1.7 Operating temperature range : -25°C to +70°C
- 1.8 Case : 2 x UM-5
- 1.9 Marking on the case :

MCF
45.0-
16/04KRYSTALY
CZ
YYWWYY = year
WW = week**2. Characteristics MCF 45.0-16/04****Dimensions [mm]**
Case UM-5**Measurement Circuit**

edited 02.03.2012 P. Seidl