

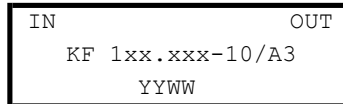
Front-end crystal filters
KF 118 MHz to 142 MHz-10/A3

Number: 99 003
Drawing: 71 0073

1. Electric values

- 1.0 Number of poles: 4
- 1.1 Nominal centre frequency f_{nom}: 118 000 ... 142 000 kHz (5 overtone)
- 1.2 Bandwidth between 3 dB frequencies: >± 5,0 kHz
- 1.3 Ripple (f_{nom} ± 3,0 kHz): < 2,0 dB
- 1.4 Insertion loss: < 7,0 dB
- 1.5 Stop band:
 - f_{nom} ± 15 kHz: ≥ 30 dB
 - f_{nom} ± 30 kHz ... ± 5 MHz: ≥ 50 dB
- 1.6 Spurious response: ≥ 20 dB
- 1.7 Terminating impedance: 50 Ohm // 0 pF
- 1.8 Maximum input power level (working / non-damaged): -10 / +10 dBm
- 1.9 Operating temperature range: -10°C ... + 60°C
Operable temperature range: -20°C ... + 80°C
Storage temperature range: -40°C ... + 90°C
- 1.10 Case: KA 3 (with SMA female) 61.1 x 26.8 x 27.3 mm

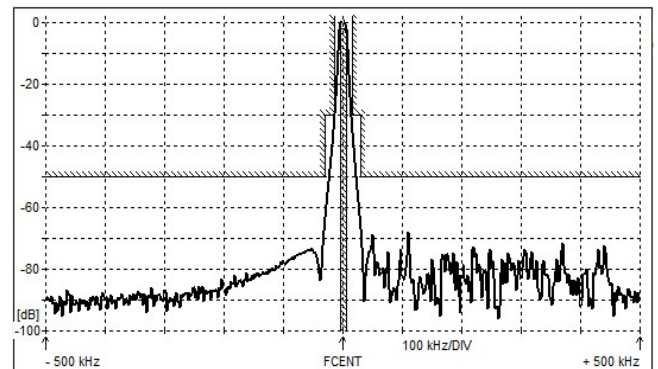
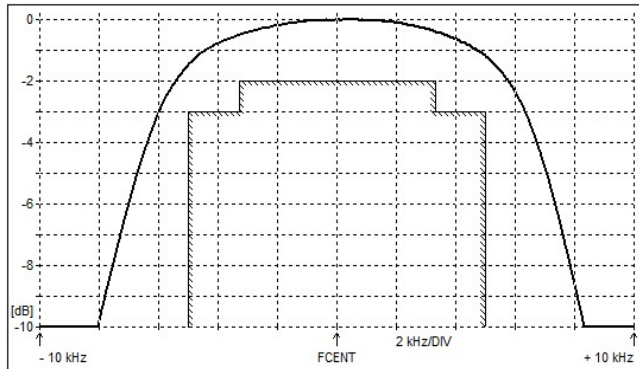
1.11 Marking on the case :



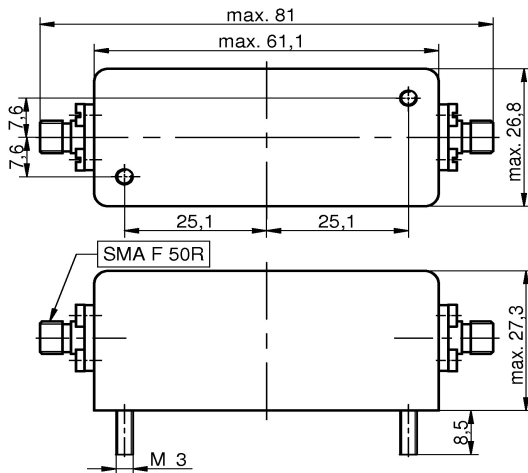
YY - year
WW – week (or customer's marking)

2. Characteristics

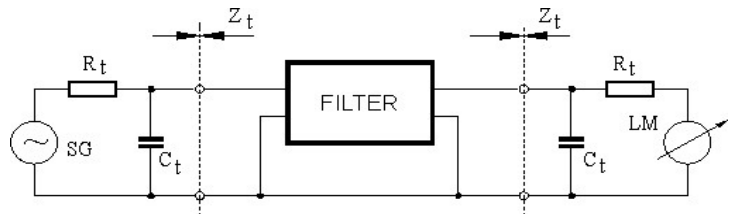
KF 118 MHz to 142 MHz-10/A3



Dimensions KA3
[mm]



Measurement Circuit



edited 24.03.2021 P.Jungling