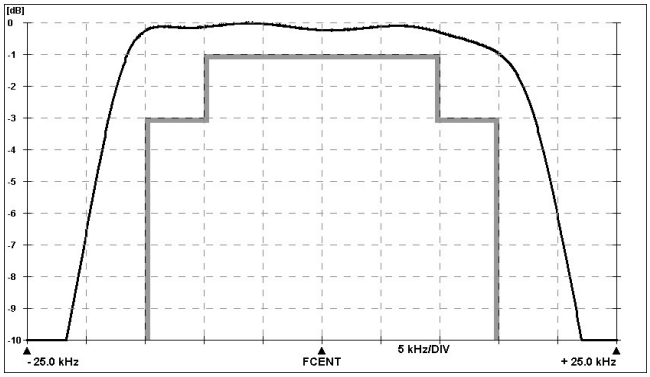
Front-end crystal filters — Number: 99 014
KF 70 MHz to 80 MHz-30/A3 — Drawing: 71 0073

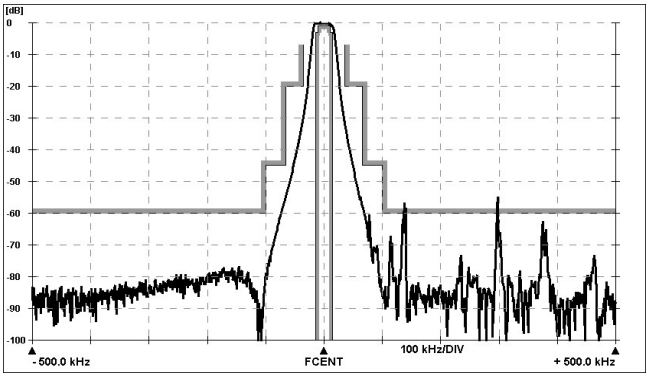
1. Electric values

1.0	Number of poles:	4
1.1	Nominal centre frequency fnom:	77 000 … 80 000 kHz (3 overtone)
1.2	Bandwidth between 3 dB frequencies:	>± 15,0 kHz
1.3	Ripple (fnom ± 10,0 kHz):	< 1,0 dB
1.4	Insertion loss:	< 5,0 dB
1.5	Stop band: fnom ±: 35 kHz:	≥ 20 dB
	fnom ±: 65 kHz:	≥ 45 dB
	Ultimate attenuation fnom ±: 100 kHz … ± 5 MHz:	≥ 60 dB (except spurious):
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:	-20°C ... + 70°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)

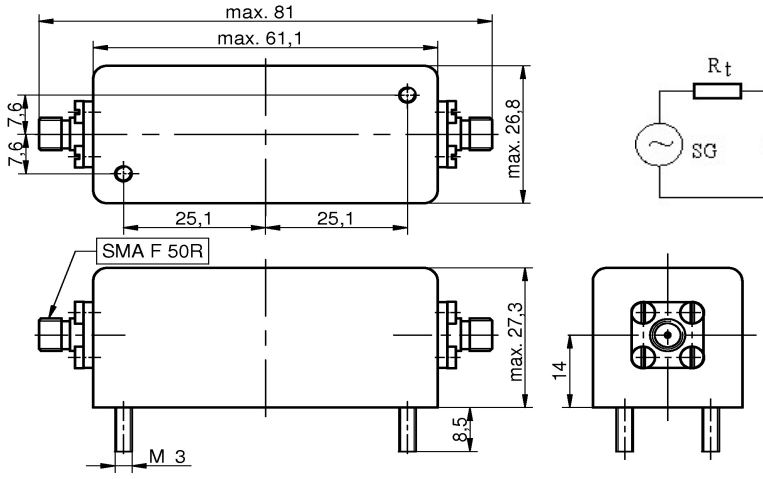
```
IN                OUT
   KF xx.xxx-30/A3
        YYWW
```

2. Characteristics KF 70 MHz to 80 MHz-30/A3

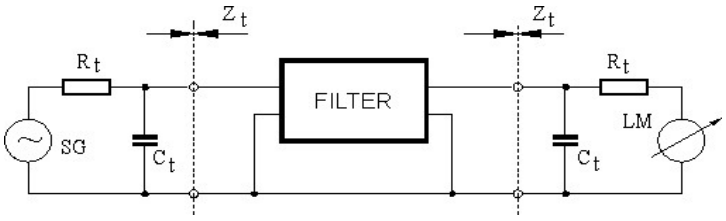




Dimensions KA3 [mm]



Measurement Circuit



edited	14.08.2020	P.Jungling

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