

Front-end crystal filters

KF 1xx.xxx-25/A2

118 MHz to 142 MHz

Number: 99 020

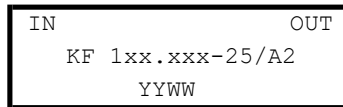
Drawing: 71 0114

1. Electric values

ROHS-Compliant Product

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:	>± 12,500 kHz
1.3	Ripple (f _{nom} ± 10,0 kHz):	< 2,0 dB
1.4	Insertion loss:	< 7,0 dB
1.5	Stop band:	f _{nom} ± 38,0 kHz: ≥ 25 dB
		f _{nom} ± 100 kHz ... ± 5 MHz : ≥ 60 dB
1.6	Spurious response:	≥ 25 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 2 (with BNC female) 61.1 x 26.8 x 27.3 mm

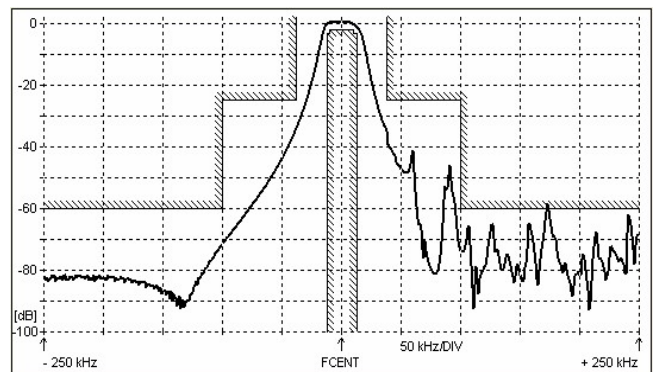
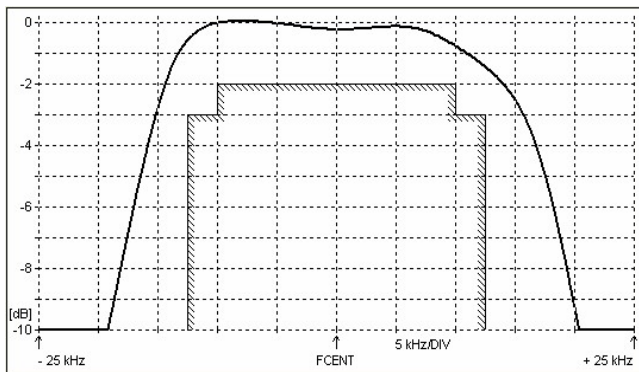
1.11 Marking on the case :



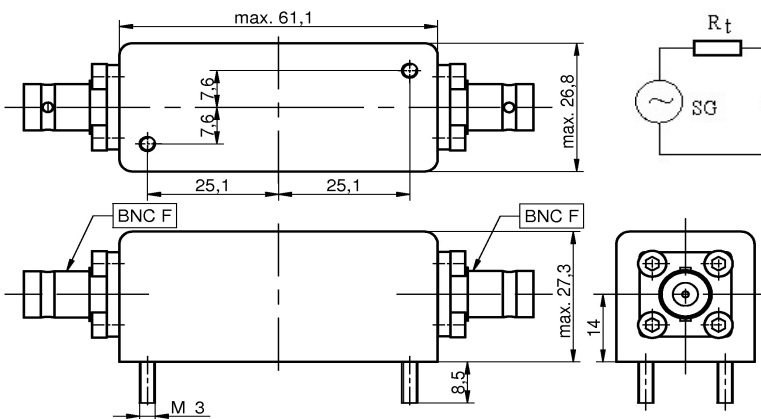
YY - year

WW – week (or customer's marking)

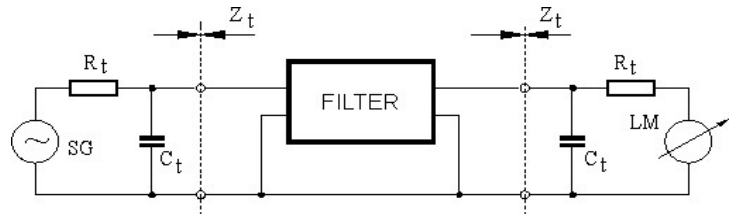
2. Characteristics



Dimensions KA2 [mm]



Measurement Circuit



edited 05.01.2024 P.Jungling