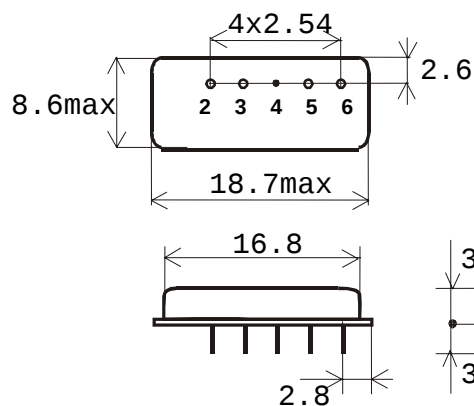
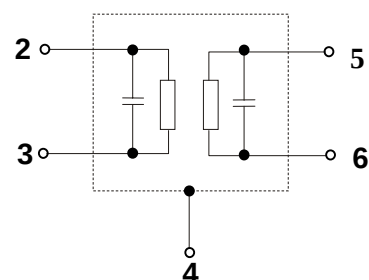


B 5094	Bandpass Low-Loss Filter 94 MHz
--------	------------------------------------



Package SIP6M



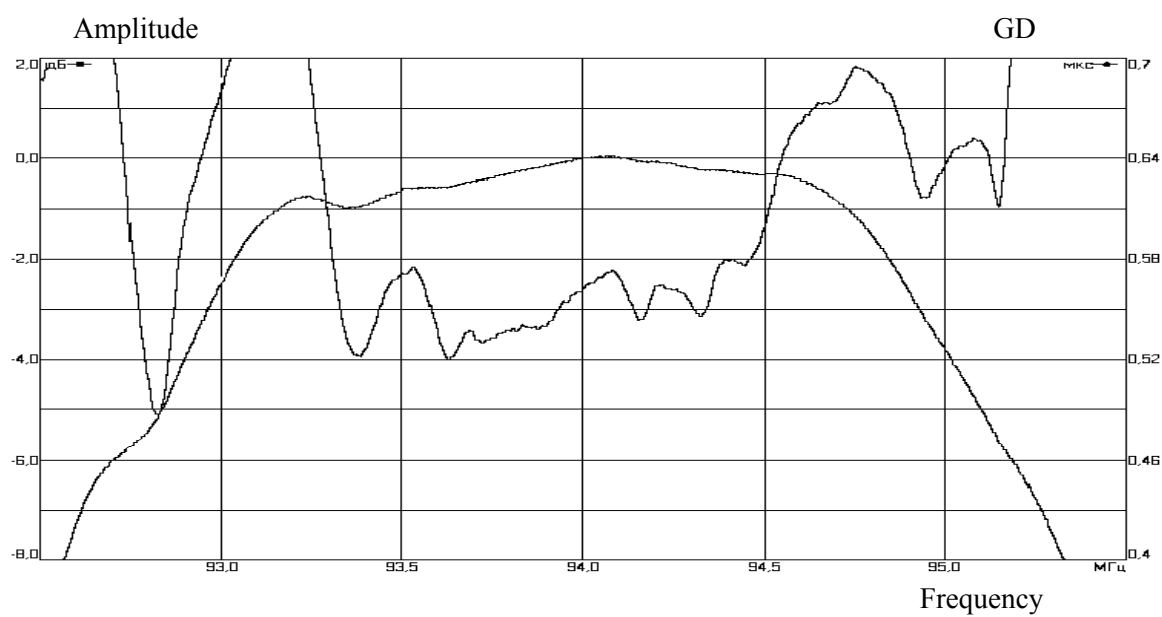
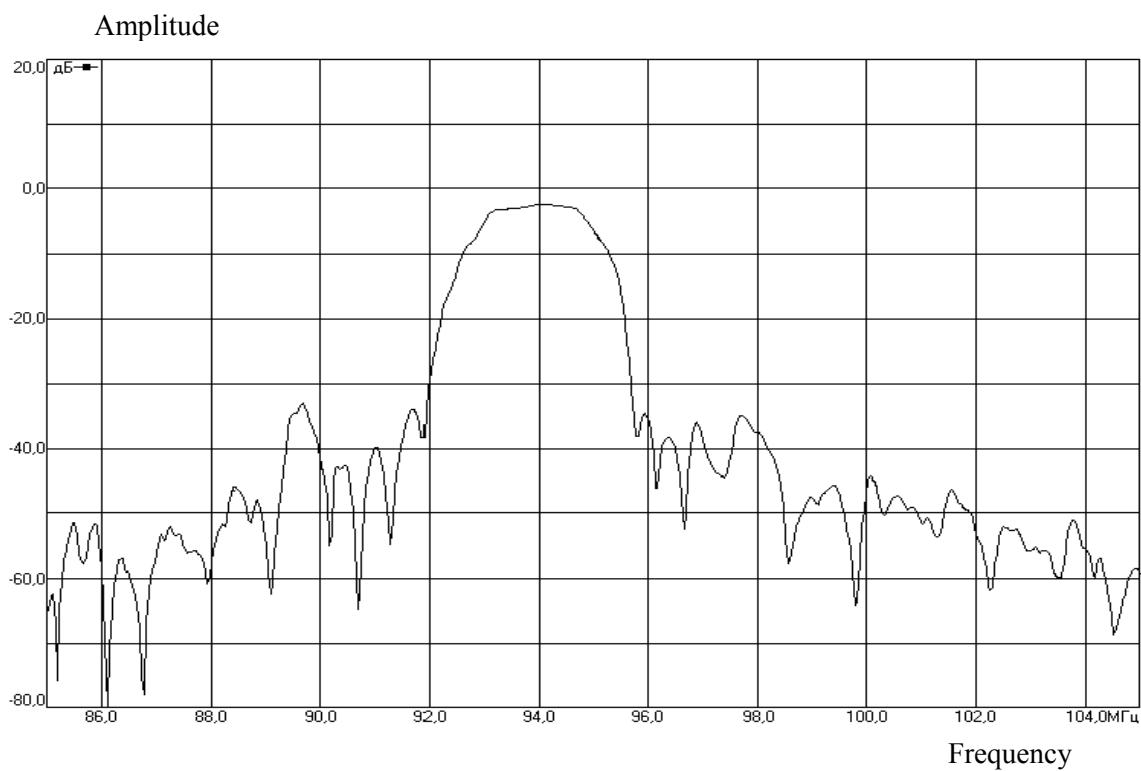
Pin configuration

- 2 – Input
- 3 - Input - ground
- 4 - Chip carrier - ground
- 5 - Output- ground
- 6 - Output

Characteristics (measuring conditions: $T=25^{\circ}\text{C}$, $Z_{\text{source}}=50\ \Omega$, $Z_{\text{load}}=50\Omega$)

Parameter	min.	max.	type	unit
Insertion attenuation at 94,0 MHz (reference level for the following data)		3,5	2,5	dB
Relative attenuation:				
89,0 – 91,8 MHz	30		35	dB
96,0 – 98,5 MHz	30		35	dB
10,0 – 89,0 MHz	45		50	dB
98,5 – 140,0 MHz	40		45	dB
Pass bandwidth				
- 3 dB	1,5		1,95	MHz
Impedance at 94,0 MHz				
Input $Z_{\text{in}}=R_{\text{in}} // C_{\text{in}}$			65//3	$\Omega//\text{pF}$
Output $Z_{\text{out}}=R_{\text{out}} // C_{\text{out}}$			65//3	$\Omega//\text{pF}$
Amplitude ripple 93,25 – 94,5 MHz		2,0	1,0	dB
Temperature coefficient of frequency			-72	ppm/ $^{\circ}\text{K}$

Frequency response



Maximum ratings

Min ambient temperature	-10°C
Max ambient temperature	55°C
Min storage temperature	-60°C
Max storage temperature	55°C
DC voltage (between any terminals)	12 V
AC voltage (between any terminals)	10 V