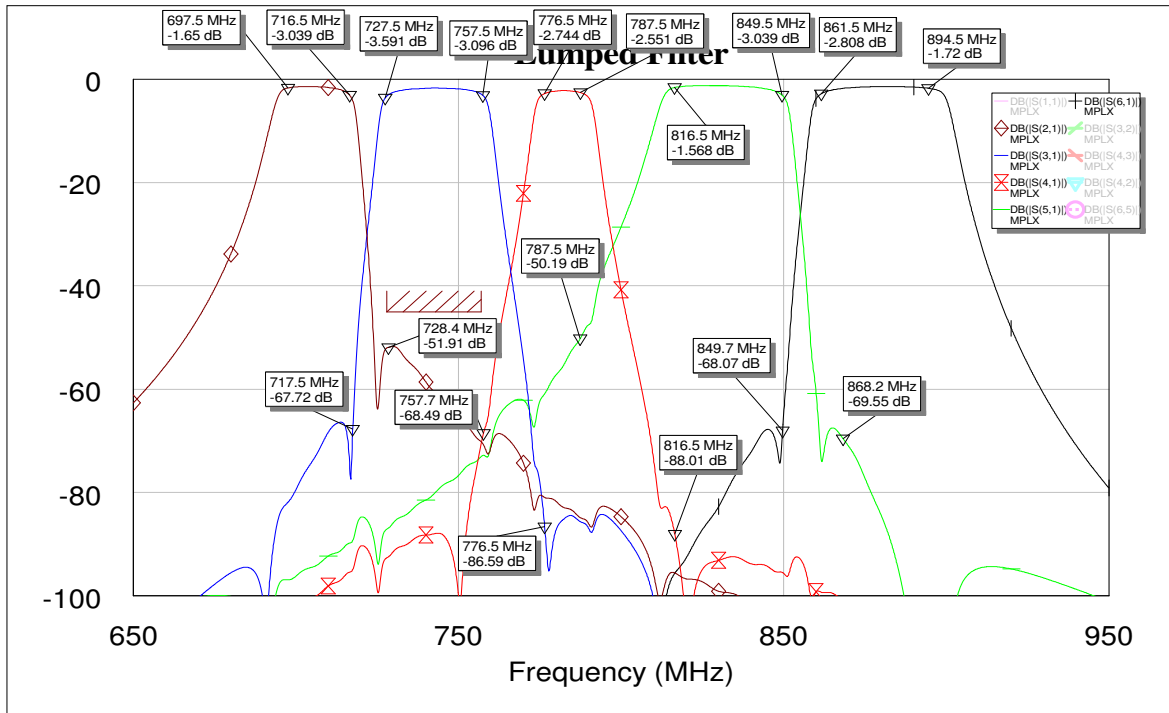


Electrical Specification

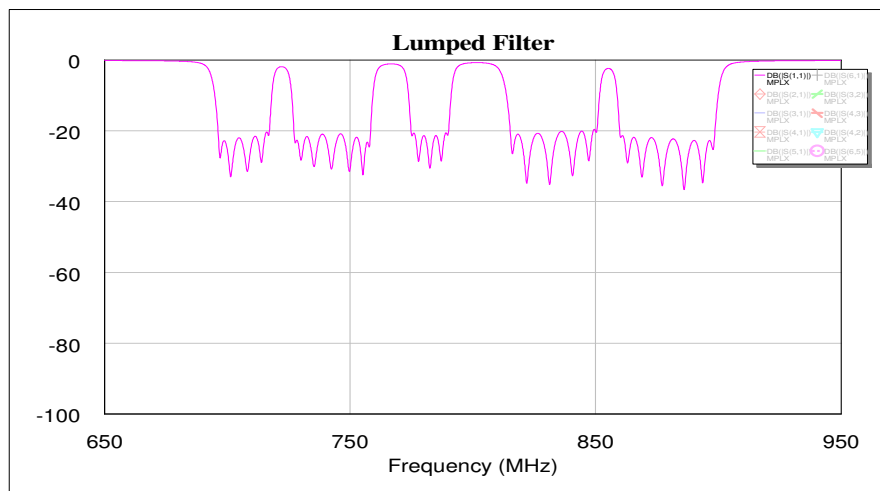
Parameter		specifications				
		CH1	CH2	CH3	CH4	CH5
Center freq.		707MHz	742.5MHz	782MHz	833MHz	878MHz
Bandwidth		698~716MHz	728~757MHz	777~787MHz	817~849MHz	862~894MHz
		65MHz	29MHz	10MHz	32MHz	32MHz
Insertion Loss		3.5dB max	4.2dB max	3.2dB max	3.2dB max	3.2dB max
Ripple		1.5dB max	1.5dB max	0.7dB max	1.2dB max	1.7dB max
Return Loss		17dB min	17dB min	17dB min	17dB min	17dB min
Attenuation	@698~716MHz	-	60dB	50dB	50dB	50dB
	@728~757MHz	45dB	-	50dB	45dB	50dB
	@777~787MHz	50dB	67dB	-	44dB	50dB
	@817~849MHz	55dB	65dB	50dB	-	60dB
	@869~894MHz	55dB	60dB	55dB	45dB	-
	@1700~2200MHz	58dB	50dB	60dB	-	-
	@1648~1698MHz	-	-	-	40dB	40dB
Isolation	@CH1 – CH2	58dB min (720~724 MHz)				
	@CH2 – CH3	58dB min (765~769 MHz)				
	@CH1 – CH3	63dB min (698~716 MHz); (777~787 MHz)				
	@CH4 – CH5	60dB min (817~849 MHz)				
	@CH4 – CH5	50dB min (849~862 MHz)				
	@CH4 – CH5	60dB min (862~894 MHz)				
Input Power		3W max				
I/O Impedance		50 ohm				
Temp. Range		-40°C to +85 °C				
RoHS		Yes				



Simulation - Insertion Loss & Rejection



Simulation - Return Loss



Simulation – Isolation

