

101302C

FB(327.5+n*20)-20, n= -3 to 3 Channelizer Multiple Output Filter Module

Specifications

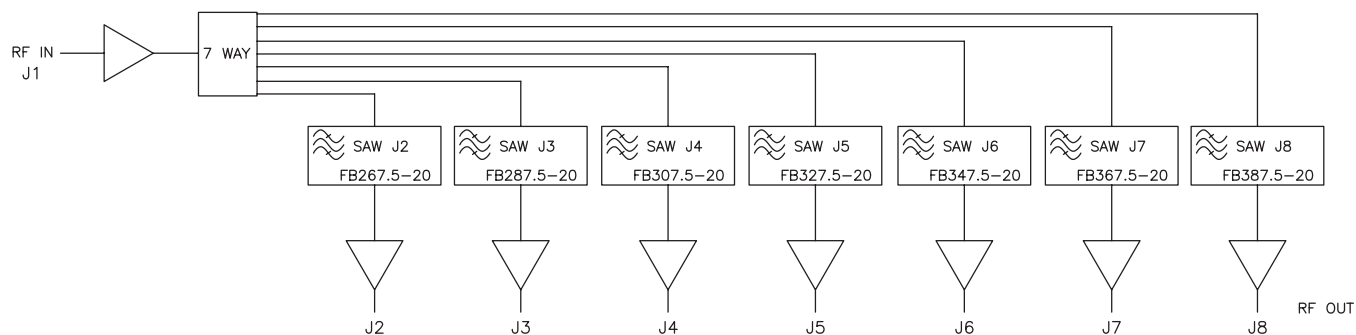
Parameter	Symbol	Unit	
Filter Component			101551
Center Frequency	F_0	MHz defined	327.5
Bandwidth	B	MHz defined	20
-3dB Bandwidth	B_3	MHz min	20
-40dB Bandwidth	B_{40}	MHz max	60
Delay	T_0	μ sec typ	0.505
Amplitude Ripple		dB _{P-P} max	2
Phase Ripple		deg _{P-P} max	6
Rejection		dB max	-55
Spurious for $ t - T_0 > .9T_0$		dB max	-65
Gain		dB min	-7
Power In for -1 dB Comp		dBm min	4
Noise Figure		dB max	18
Return Loss		dB min	10
DC Power	12V @ 480mA		

Notes

Multiple Output Filter Module. Specifications show n for $F_0 = 327.5$ MHz only (J5). Additional channels have $F_0 = 327.5 + n * 20$, for $n = -3$ to 3.

1. Amplitude Ripple is Deviation from Best Fit Gaussian over 2B.

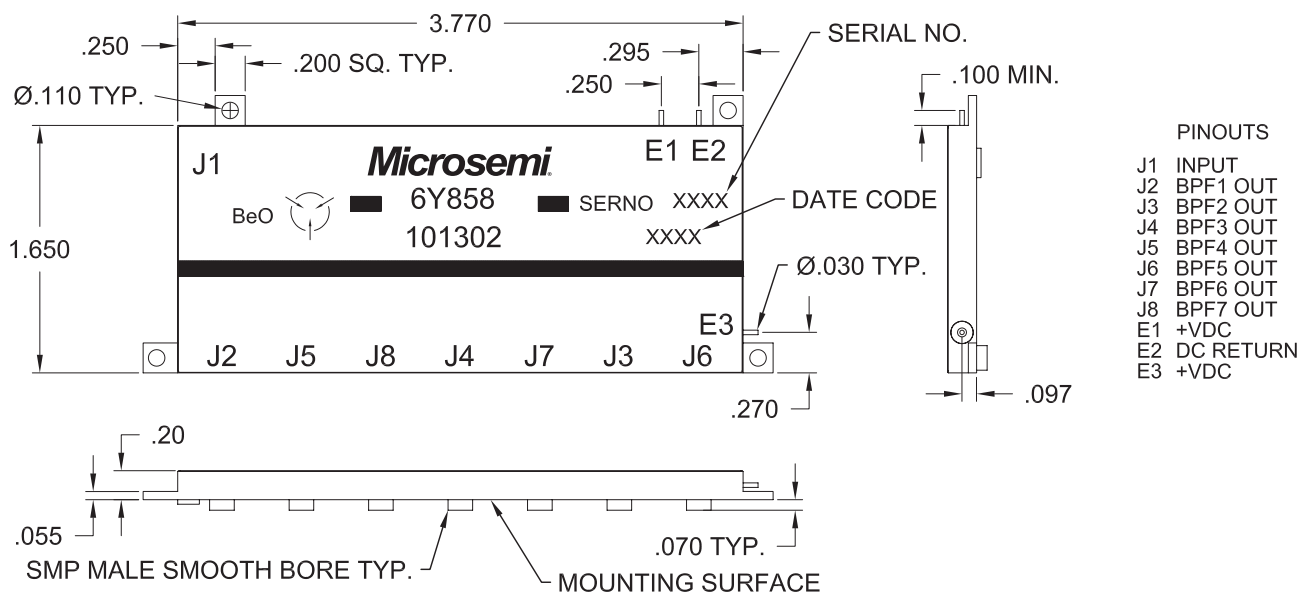
System Block Diagram



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Package Outline



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