

101491C

RD200-40-33W- Dispersive Filter Module

Specifications

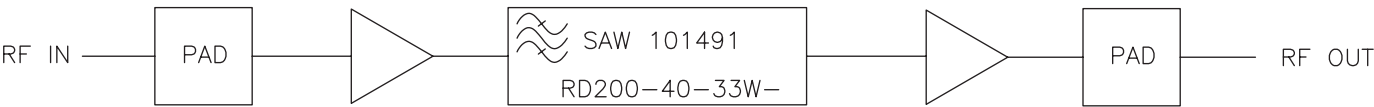
Parameter	Symbol	Unit	
Compressor Component			101489
Center Frequency	F_0	MHz defined	200
Bandwidth	B	MHz defined	40
Dispersion	T	μ sec defined	33
Delay	T_0	μ sec typ	19.678
Slope	S_0	μ s/MHz typ	-0.83
Pulse Width at -3dB		μ sec max	0.0271
Sidelobes for $ t - T_0 < T$		dB max	-24.9
Time Spurious for $ t - T_0 > T$		dB max	-78
Processing Gain		dB min	30
Noise Gain		dB min	-6
Power In for -1 dB Comp		dBm min	4
Dynamic Range		dB min	80
Return Loss		dB min	10
DC Power	5V @ 150mA		

Note

Dispersive Filter Module.

1. Amplitude Weighting is SQRT(TAYLOR(f)) so that two parts can be cascaded to achieve 2T Dispersion and full Taylor Weighting.

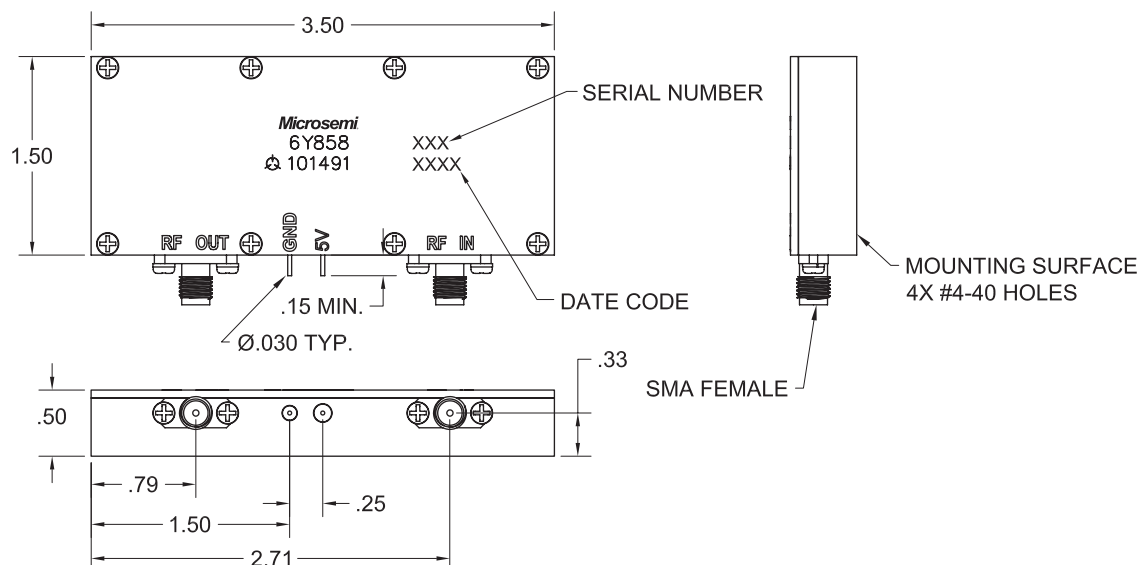
System Block Diagram



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Package Outline



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