



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	79.92	80.00	80.08
Insertion Loss at Fo	dB	-	23.0	24.5
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay Time	usec	-	2.30	-
Bandwidth at 3.0 dB	MHz	8.80	8.85	-
Bandwidth at 40.0 dB	MHz	-	10.45	10.60
Ultimate Attenuation	dB	50	55	-
Substrate Material	YZ LiNbO ₃			

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40		+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-

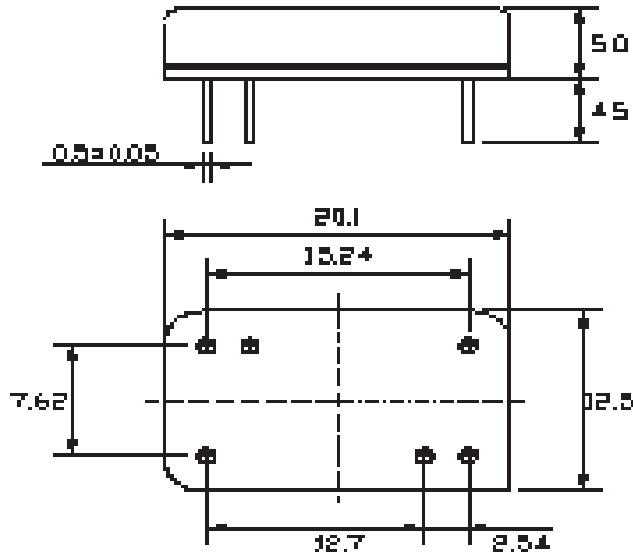


80 MHz Saw Filter

Part Number: AM80S516



Outline Drawing:



Matching Configuration:



Bottom View

Source/Load Impedance = 50 Ω

Ambient Temperature = 25°C



80 MHz Saw Filter

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Frequency Response:

