



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	79.92	80.0	80.08
Insertion Loss at Fo	dB	-	20.5	22.0
Passband Ripple	dB	-	0.35	0.80
Group Delay Variation	nsec	-	80	150
Absolute Delay Time	usec	-	2.35	-
Bandwidth at 3.0 dB	MHz	6.90	7.00	-
Bandwidth at 40.0 dB	MHz	-	8.35	8.50
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	-

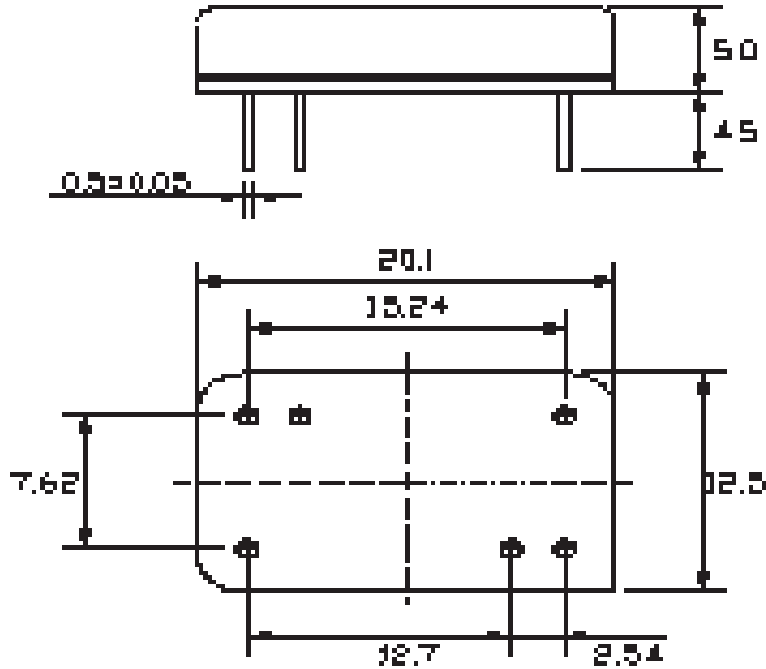


80 MHz Saw Filter

Part Number: AM80S810



Outline Drawing:



Matching Configuration:



Bottom View

Source/Load Impedance = 50 Ω

Ambient Temperature = 25°C



80 MHz Saw Filter

Part Number: AM80S810



Frequency Response:

