



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	160 ± 0.1	-
Insertion Loss at Fo	dB	-	25-26	-
Group Delay Variation	nsec	-	260	-
Passband Ripple Variation	dB	-	0.40	-
Phase Ripple	deg	-	5.0	-
Bandwidth at 3.0 dB	MHz	-	0.5	-
Bandwidth at 40.0 dB	MHz	-	1.25	-
Ultimate Rejection @ 160 – 1000 MHz	dB	50	-	-
Except @ 320 ± 0.3 MHz and 480 ± 0.3 MHz		45	-	-
Ultimate Rejection @ DC – 159.5 MHz	dB	50	-	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-55	-	+85
Storage Temperature Range	°C	-50	-	+95
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-

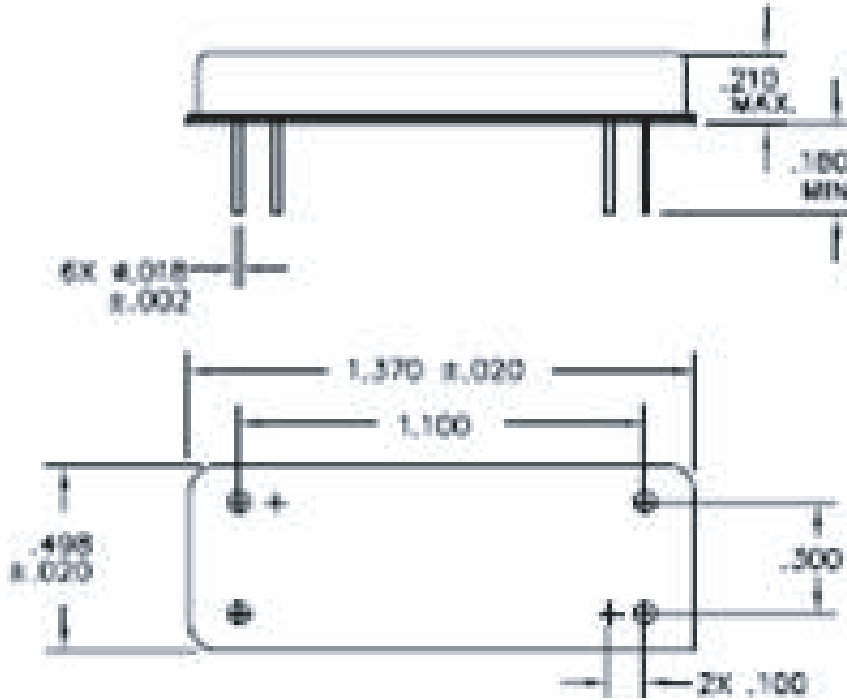


160 MHz Saw Filter

Part Number: AM160S943



Outline Drawing:



Testing Environment:



No Matching Required
Nominal Source/Load Impedance = 50Ω