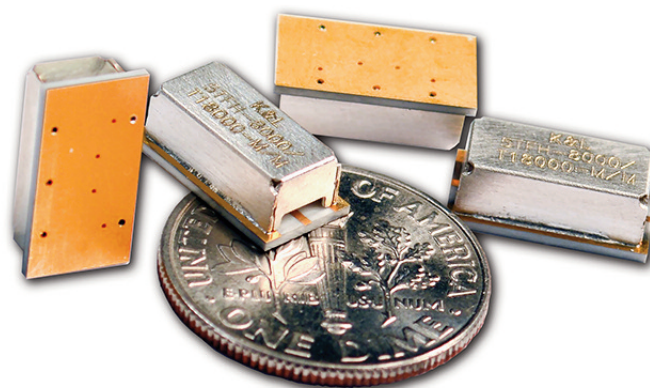


Surface Mount Highpass Filters — 6-18 GHz

◆ Description:

This 7-section family of AH series highpass filters provides Chebyshev response realized via Thin Film on Alumina substrate, typically 0.025" thick, using a sputtering process that guarantees enhanced Q and high repeatability. Filters can be soldered to PWB with recommended permittivity range of 3 to 4 or adhered to metal carrier with silver epoxy. Wire bonding end launches completes the mounting and attachment process. Designed in a shielded open-frame style, placement in a channelized groove is strongly advised to minimize RF leakage and coupling paths between input and output ports.



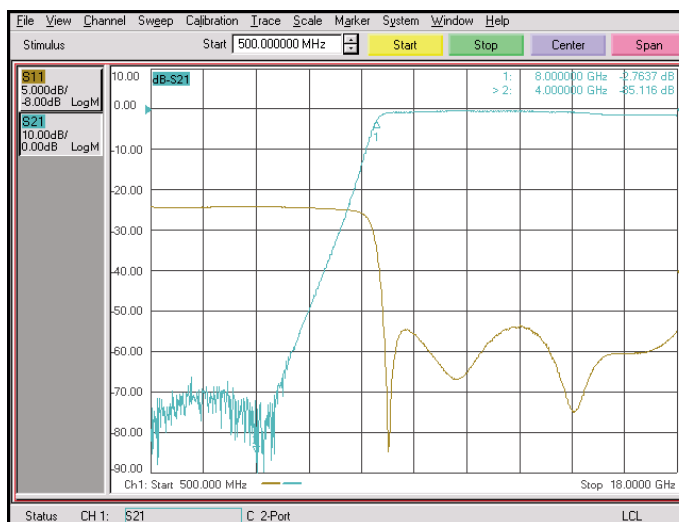
◆ Specifications:

Part Number	3 dB Cut-Off Frequency Fc (GHz)	Rejection 45 dB (GHz)
7AH1-6000/T18000	6	DC to 3
7AH1-6500/T18000	6.5	DC to 3.25
7AH1-7000/T18000	7	DC to 3.5
7AH1-7500/T18000	7.5	DC to 3.75
7AH1-8000/T18000	8	DC to 4
7AH1-8500/T18000	8.5	DC to 4.25
7AH1-9000/T18000	9	DC to 4.5
7AH1-9500/T18000	9.5	DC to 4.75
7AH1-10000/T18000	10	DC to 5
7AH1-10500/T18000	10.5	DC to 5.25
7AH1-11000/T18000	11	DC to 5.5
7AH1-11500/T18000	11.5	DC to 5.75
7AH1-12000/T18000	12	DC to 6
7AH1-12500/T18000	12.5	DC to 6.25
7AH1-13000/T18000	13	DC to 6.5
7AH1-13500/T18000	13.5	DC to 6.75
7AH1-14000/T18000	14	DC to 7

◆ Features:

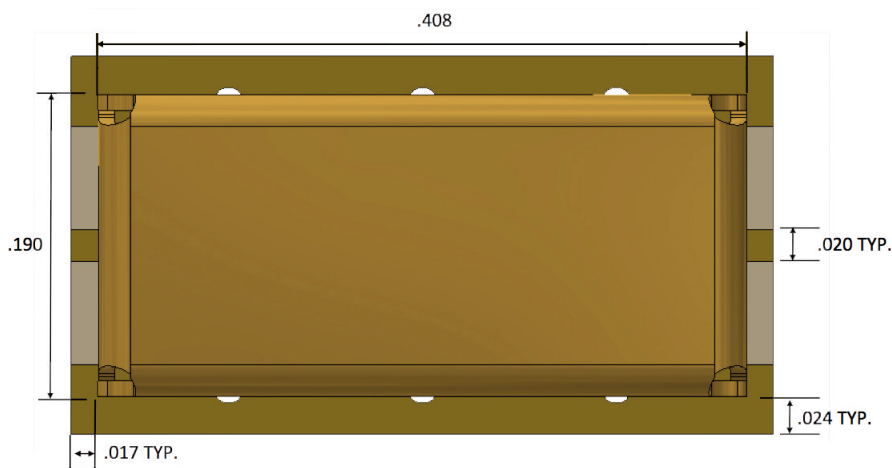
- Low Loss - Small Size
- Temperature Stable
- Uniform Mechanical Outline
- VSWR: 1.6:1
- Insertion Loss: 2.5 dB
- Mechanical Size: 0.44" x 0.24" x 0.15"
- DC Blocking
- Rejects Unwanted Signals
- Provides Isolation Between Two or More RF Paths
- RoHs Compliant

◆ Performance Data:

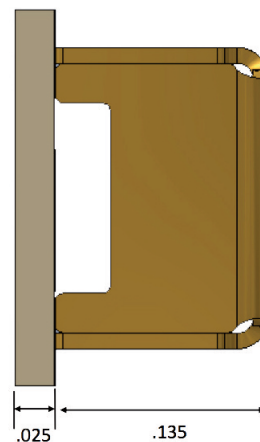


Surface Mount Highpass Filters — 6-18 GHz

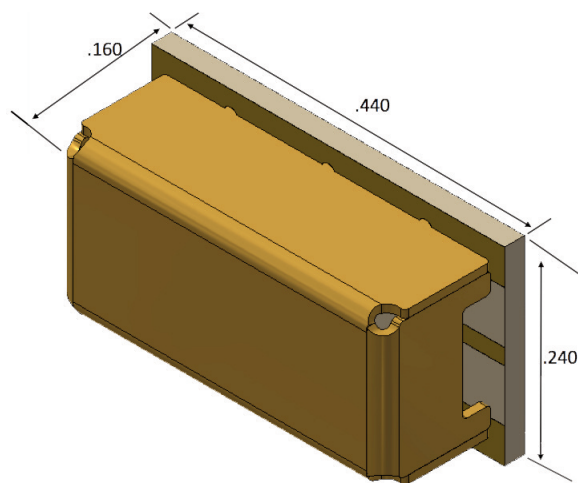
◆ Outline Drawings:



Top View



Side View



Isometric View



Bottom View