

Low Cost High Pass Filters

DC - 3 GHz

FL05 Series

V2.00

Features

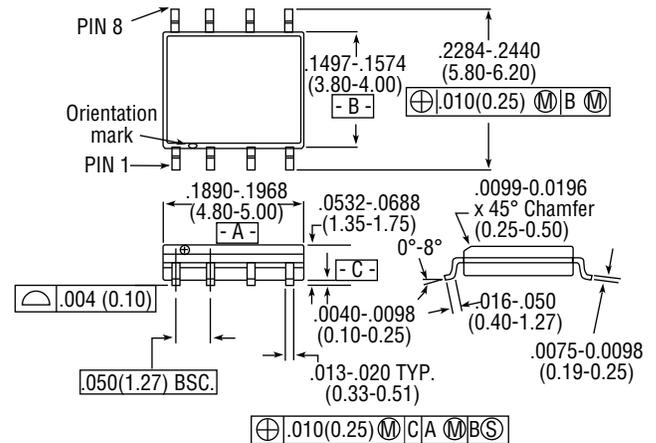
- Small Size, Low Profile
- Industry Standard SOIC-8 SMT Plastic Package
- Superior Repeatability (Lot-to-Lot Variation)
- Typical Insertion Loss: 0.5 dB
- Typical Rejection: 20 dB
- Power Handling: 2 Watt CW Max.

Description

M/A-COM's family of High Pass Filters is a series of IC based devices offered in a low cost SOIC-8 package. These filters are ideally suited for applications where PCB real estate and height are at a premium. Typical applications include base station switching networks, portables and PCMCIA cards. Available in tape and reel.

The FL05 family is fabricated using a passive-integrated circuit process. The process features full chip passivation for increased performance and reliability.

SO-8



8- Lead SOP outline dimensions
Narrow body .150
(All dimensions per JEDEC No. MS-012-AA, Issue C)
Dimensions in () are in mm.

Unless Otherwise Noted: .xxx = ± 0.010 (.xx = ± 0.25)
.xx = ± 0.02 (.x = ± 0.5)

Ordering Information

Part Number	Package
FL05-0001-G	SOIC 8-Lead Plastic Package
FL05-0002-G	SOIC 8-Lead Plastic Package

* Available in tape and reel. Consult factory for part number assignment.

Typical Electrical Specifications¹, T_A = +25°C

Parameter	Units	FL05-0001-G		FL05-0002-G	
		DC - 400	800 - 3000	DC - 1000	1700 - 3000
Frequency	MHz	DC - 400	800 - 3000	DC - 1000	1700 - 3000
Insertion Loss	dB	20	0.5	20	0.5
VSWR		N/A	1.5:1	N/A	1.5:1

1. All specifications apply with 50-Ohm source and load impedance.