



Features

- Low Loss
- Excellent Return Loss
- High Rejection

Description

Rugged mount, silver (Ag) coated ceramic filter. Developed for use in Commercial and Military GPS applications.

Weight: 11.0 grams typical

Material: Filter is composed of a ceramic block plated with Ag.

Filter complies with RoHS standards.

Electrical Specifications



Parameter	Frequency (MHz)	Typical @ 25ºC	Spec. @ 25⁰C
Passband Insertion Loss	1565.4-1585.4	0.8 dB	1.0 dB max
Passband Return Loss	1500.4	19.0 dB	12.0 dB min
Attenuation	1650.4	34.0 dB	29.0 dB min
Power Rating			1W
Impedance			50 <u>Ω</u>

Note: Supplier shall test each filter to the critical electrical specifications of the above table. Any subsequent audits may deviate from in value due to measurement repeatability among different test systems. Such deviations shall not exceed the following limits:

Specification Allowance		
Insertion Loss	0.1 dB	
Return Loss	1.0 dB	
Stopbands	1.0 dB	

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Rev. X4VH



KFF6401A 1575.4 MHz GPS BPF

Mechanical Drawing



Electrical response



Tolerance (mm) Nominal (mm) Dim +/- or max 38.60 Α max 5.70 В max С 11.75 max 13.63 0.127 D 13.63 0.127 Ε F 4.2 0.127 0.254 G 8.64 2.02 0.127 Т J 3.36 0.254

PCB Layout



NOTE: MOUNTING IS CUSTOMER SPECIFIC.

Packaging and Marking

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KFF640IA	CTS	YWW	

	8-10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	8-10 B.	Bar 8. 4.	Ban to m.
	8-a 9- 8.	8-a % \$	Ban 9n - 20	Ban 9: 18.
	8-ca % - # .	8¶8.	8-a-9 X -	Bar
Band Tan Ban	8-ca 9 4.	B. 4. 3.	See to st.	anaca en mé
		8.00 B	8-au 9- aft.	
844 2. 844 2. 844 3. 845 3.	8.00 Par - 8.	문제 말 봐.	8-as % #.	en a e.
	8-a 9- 8.	8-a % \$	Ban 95 47.	Bar

7 28 Slot Foam Trays (560 max. per box)

This product is shipped in pre-formed foamed trays.

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