

SPECIFICATION OF SAW FILTER

YOKETAN CORP.

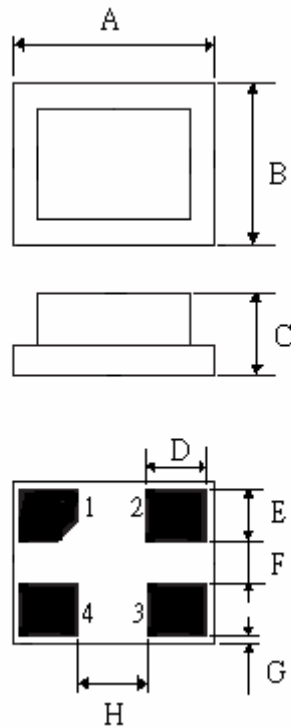
Spec no: SM2016F-15754-003-MS-A

1. Features

RF filter for GPS.

2. Type : SM2016

3. Product Dimension



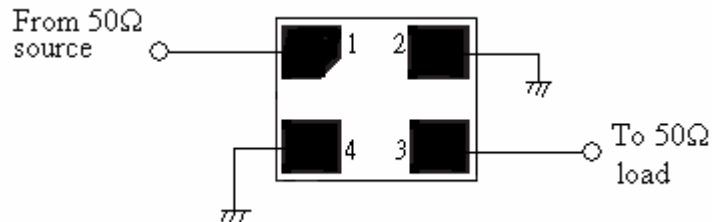
Pin	Connection
1	Input
3	Output
2,4	Ground

Sign	Data (unit:mm)	Sign	Data(unit:mm)
A	2.0±0.1	E	0.5±0.075
B	1.6±0.1	F	0.45±0.075
C	0.8±0.15	G	0.075 +0.15/-0.075
D	0.55±0.075	H	0.75±0.075

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4. Test Circuit



5. Electronic Characteristics

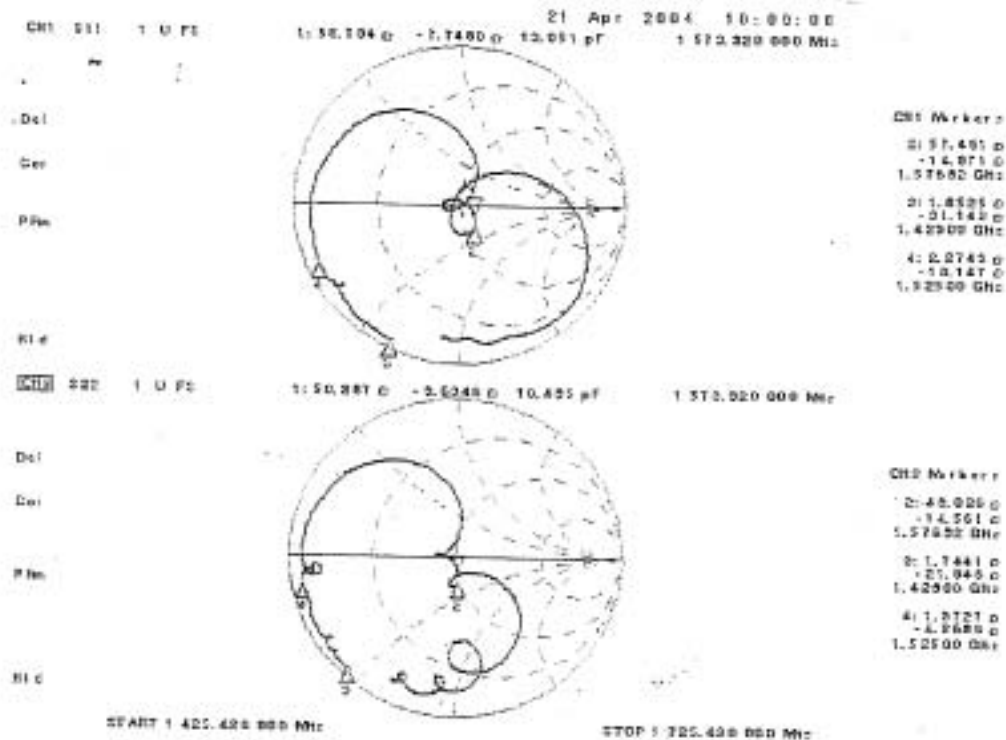
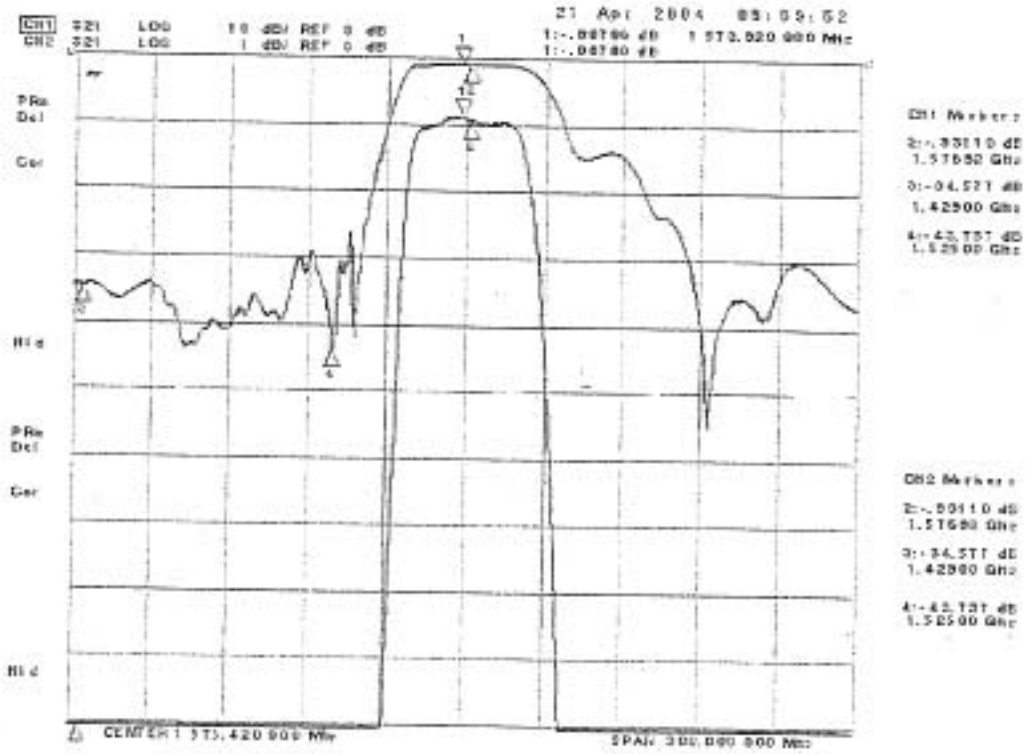
Operable Temperature Range : -30 to +85

Item	Min.	Typ.	Max.	Unit
Center Frequency f_c	--	1575.42	--	MHz
Insertion Loss IL $f_c \pm 1.5$ MHz	--	0.75	1.3	dB
Attenuation				
810 ~ 960 MHz	28	31	--	dB
1354 ~ 1357 MHz	30	33	--	
1429 ~ 1525 MHz	27	30	--	
Ripple $f_c \pm 1.5$ MHz	--	0.1	0.3	dB
VSWR $f_c \pm 1.5$ MHz		1.3	1.5	
Input / Output Impedance	50Ω			

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6. Frequency Response



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