



Specifications

SAW Filter

1 P/N

S225M035

2 Performances

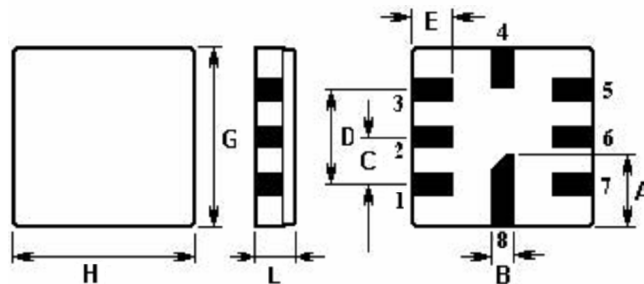
Maximum Ratings

Rating	Value	Units
Input Power (CW RF)	+10	dBm
DC Voltage Between Any Two Pins	± 30	Vdc
Case Temperature	-40 to +85	$^{\circ}\text{C}$
Relative Humidity	10-90	%
Atmospheric Pressure	86-106	kPa

Electronic Characteristics

Characteristic		Minimum	Typical	Maximum	Unit
Center Frequency		fc	225.25		MHz
Insertion Loss ($f_c \pm 1.75\text{MHz}$)		IL	--	8	dB
Pass band Variation (peak to peak)				1	dB
Rejection	at DC~145MHz	30			dB
	at 145~197MHz	25			
	at 197~206MHz	30			
	at 228.75~234MHz	20			
	at 234~351MHz	28			
	at >351MHz	25			
Voltage Standing Wave Ratio		VSWR	1.5	2.0	
Impedance for Input/Output			50		Ohm

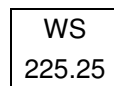
3 Package Dimension





Sign	Data (unit: mm)	Sign	Data (unit: mm)
A	2.08	E	1.2
B	0.6	F	1.35
C	1.27	G	5.0
D	2.54	H	5.0

4 Marking



5 Test Circuit

