



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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- ▶ IF Filter for GSM Applications
- ▶ 5.0 x 5.0 mm Footprint
- ▶ Extended Temp. Range
- ▶ RoHS Compliant

# ECS-DSF400.0A-51

## SMD SAW FILTER

### OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	FREQUENCY (MHz)	ECS-DSF400.0A-51			UNITS
		MIN	TYP	MAX	
Center Frequency	Fo		400.0		MHz
Insertion Loss				6.0	dB
Passband			± 83		KHz
Passband Ripple				2.0	dB
Group Delay Ripple	Passband			1.0	µsec
Stop Band Attenuation	50 ~ 398.5	35			dB
	398.5 ~ 399.2	20			dB
	399.2 ~ 399.4	10			dB
	399.4 ~ 399.6	7			dB
	400.4 ~ 400.6	7			dB
	400.6 ~ 400.8	10			dB
	400.8 ~ 401.5	20			dB
	401.5 ~ 500	35			dB
Terminating Impedance					600Ω/90nH
Operating Temperature	Topr	-40		+85	°C
Storage Temperature	Tstg	-40		+85	°C
Input Power				0	dBm

### PACKAGE DIMENSIONS (mm)

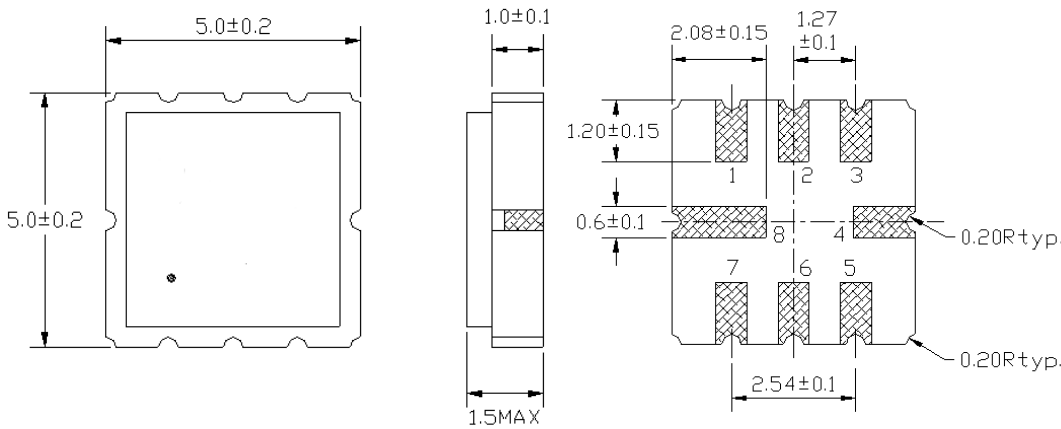


Figure 1) Top, Side and Bottom View

Pin Connections	
Pin #1	Input
Pin #2	Ground
Pin #3	Ground
Pin #4	Ground
Pin #5	Output
Pin #6	Ground
Pin #7	Coupling
Pin #8	Ground

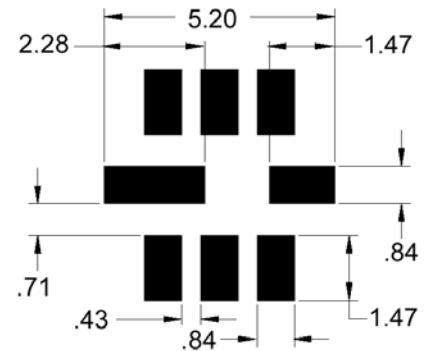


Figure 2) Land Pattern

ECS PART NUMBER: ECS-DSF-400.0A-51-TR

-TR = Tape and Reel Packaging, 1K/Reel