



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



- ▶ RF Filter for Cellular Applications
- ▶ 3.0 x 3.0 mm Footprint
- ▶ Extended Temp. Range
- ▶ RoHS Compliant

# ECS-DSF947.5B-21

## SMD SAW FILTER

### OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	FREQUENCY (MHz)	ECS-DSF947.5B-21			UNITS
		MIN	TYP	MAX	
Center Frequency	F <sub>o</sub>		947.5		MHz
Insertion Loss	935.0 ~ 960.0			3.3	dB
Passband		25.0			MHz
Passband Ripple	935.0 ~ 960.0			1.4	dB
Stop Band Attenuation	DC ~ 871.0	50.0			dB
	890.0 ~ 915.0	30.0			dB
	980.0 ~ 1025.0	25.0			dB
	1025.0 ~ 1705.0	45.0			dB
	1705.0 ~ 3000.0	25.0			dB
Passband VSWR	935.0 ~ 960.0			2:1	
Operating Temperature	T <sub>opr</sub>	-30		+80	°C
Storage Temperature	T <sub>stg</sub>	-40		+85	°C

### PACKAGE DIMENSIONS (mm)

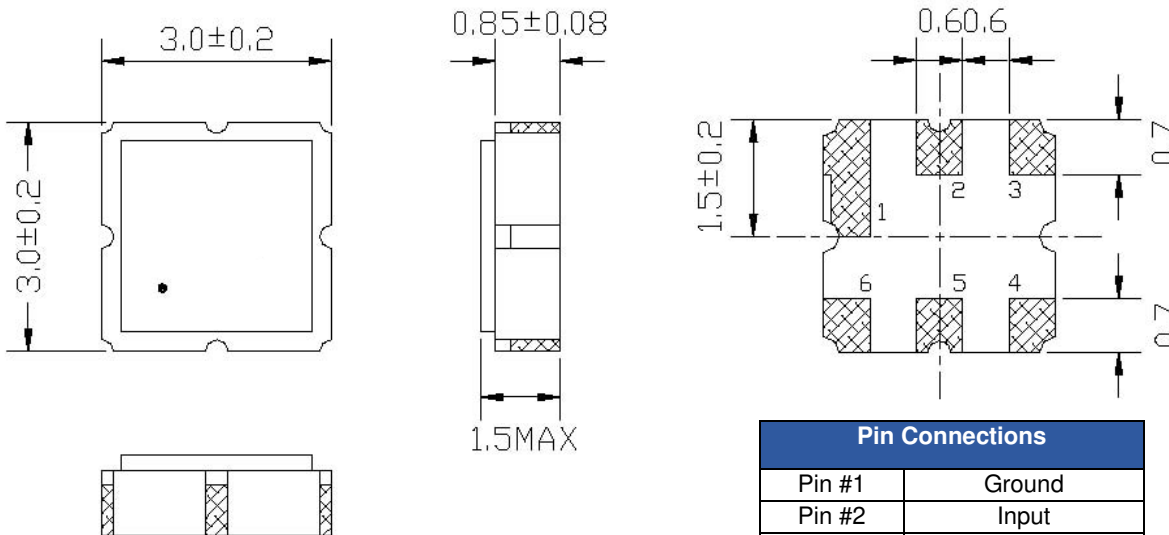


Figure 1) Top and Side View

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

ECS PART NUMBER: ECS-DSF-947.5B-21-TR

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