

- ▶ 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	Fo		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	Topr	-30		+80	°C
Storage Temperature	Tstg	-40		+85	°C

### PACKAGE DIMENSIONS (mm)

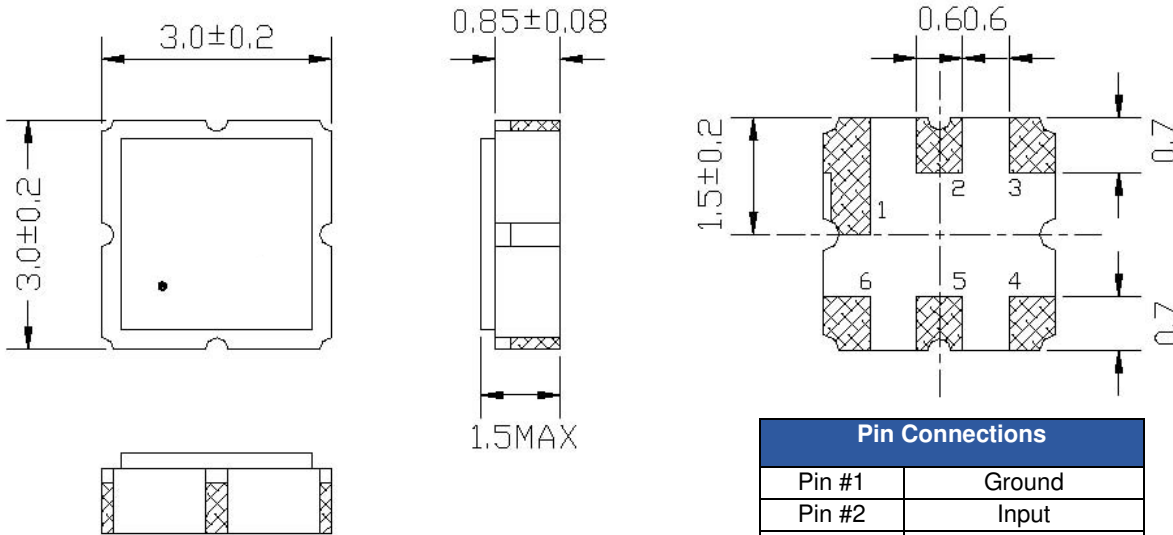


Figure 1) Top and Side View

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