



Distributor of ECS Inc. International: Excellent Integrated System Limited

Datasheet of ECS-DSF947.5B-21-TR - SAW FILTER 947.5MHZ

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Excellent Integrated System Limited

Stocking Distributor

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[ECS Inc. International](#)

[ECS-DSF947.5B-21-TR](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



- ▶ 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	T _{opr}	-30		+80	°C
Storage Temperature	T _{stg}	-40		+85	°C

PACKAGE DIMENSIONS (mm)

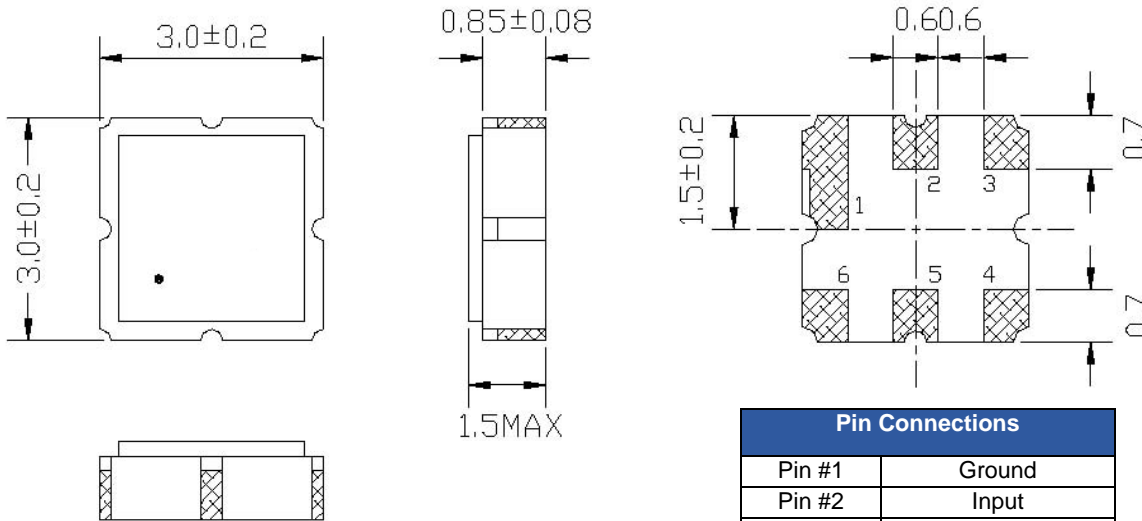


Figure 1) Top and Side View

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