

OPERATING CONDITIONS/ELECTRICAL CHARACTERISTICS

PARAMETERS	CONDITIONS	ECS-DSF-400.0A-51			ECS-DSF-947.5B-21			UNITS
		MIN	TYP	MAX	MIN	TYP	MAX	
CENTER FREQUENCY			400.0			947.5		MHz
INSERTION LOSS	935 ~ 960 MHz			6			3.3	dB
PASS BAND			±83 KHz		25.0			MHz
PASS BAND RIPPLE	935 ~ 960 MHz						1.4	dB
RIPPLE DEVIATION	Pass Band			2.0				dB
GROUP DELAY RIPPLE				1.0				µsec
STOP BAND	50 ~ 398.5 MHz	35.0						dB
	398.5 ~ 399.2 MHz	20.0						dB
	399.2 ~ 399.4 MHz	10.0						dB
	399.4 ~ 399.6 MHz	7.0						dB
	400.4 ~ 400.6 MHz	7.0						dB
	400.6 ~ 400.8 MHz	10.0						dB
	400.8 ~ 401.5 MHz	20.0						dB
	401.5 ~ 500 MHz	35.0						dB
TERMINATING IMPEDANCE			600Ω/90 nH					
RELATIVE ATTENUATION	DC ~ 871 MHz				50.0			dB
	890 ~ 915 MHz				30.0			dB
	980 ~ 1025 MHz				25.0			dB
	1025 ~ 1705 MHz				45.0			dB
	1705 ~ 3000 MHz				25.0			dB
PASSBAND VSWR	935 ~ 960 MHz						2:1	
OPERATING TEMPERATURE		-40		+85	-30		+80	°C
STORAGE TEMPERATURE		-40		+85	-40		+85	°C

PACKAGE DIMENSIONS (mm)

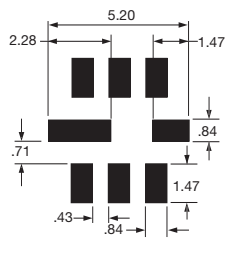
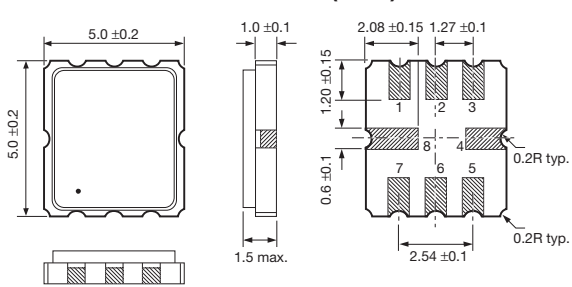


Figure 2) DSF-400 Suggested Land Pattern

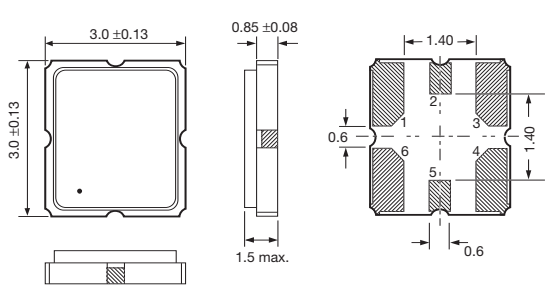


Figure 3) DSF947.5 Top, Side, Bottom and End views

Figure 1) DSF400 Top, Side, Bottom and End views

DSF-400 PAD CONNECTIONS	
#1	Input
#2	Ground
#3	Ground
#4	Ground
#5	Output
#6	Ground
#7	Coupling
#8	Ground

DSF-947.5 PAD CONNECTIONS	
#1	Ground
#2	Signal
#3	Ground
#4	Ground
#5	Signal
#6	Ground