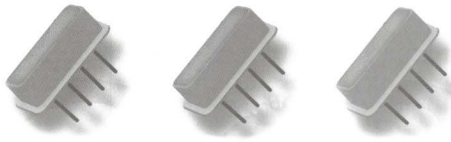
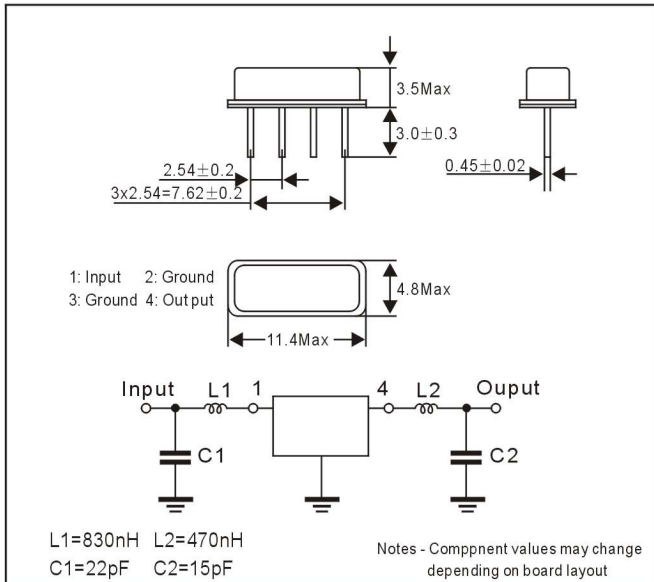


Series SAW130M4



External dimensions

Unit: mm



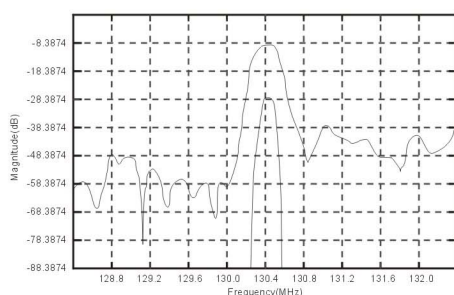
SAW130.4M Filter Electrical Characteristic (Others are offered) Absolute Maximum Ratings

Rating	Units	Value
Maximum Incident Power In Passband	dBm	+10
Max. DC Voltage Between Any 2 Terminals	VDC	30
Storage Temperature Range	°C	-40 to +85
Max Soldering	265°C for 10s	

Electrical Characteristic

Characteristic	Unit	Min	Typical	Max.	Sym
Nominal Center Frequency	MHz		130.4		fC
Passband	Insertion Loss at fC		5.5	7.0	IL
	3 dB Bandwidth		220	280	BW3
	30 dB Bandwidth		600	800	BW30
Ripple	dB		0.3	0.9	rp
Rejection fC-1 to fC+0.8 and fC+0.8 to fC+1MHz	dB	25	30		
Operating Temperature Range	°C	-10		85	TA
Impedance Matching to 50Ω unbalanced	External L-C				
Case Style	F-11 (11.4x4.8mm Nominal Footprint)				

Typical Performance

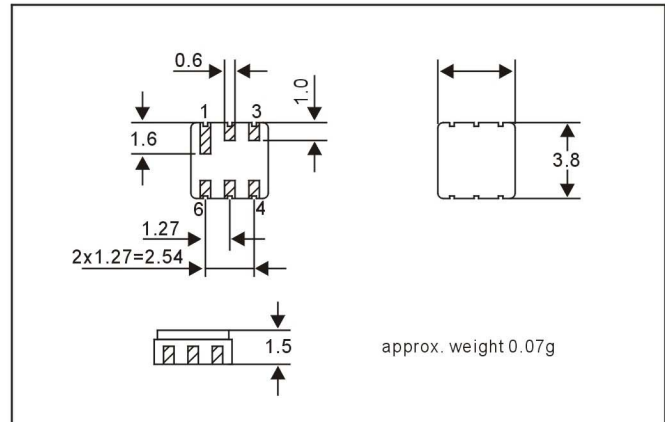


Series SAW830M



External dimensions

Unit: mm



SAW830M Filter Electrical Characteristic (Others are offered) Absolute Maximum Ratings

Rating	Units	Value
Maximum Incident Power In Passband	dBm	+10
Max. DC Voltage Between Any 2 Terminals	VDC	±30
Storage Temperature Range	°C	-40 to +85
Max Soldering	265°C for 10s	

Electrical Characteristic

Characteristic	Unit	Min	Typical	Maximum
Center Frequency (f0)	MHz		830	
3 dB Bandwidth	MHz	17.80	18.20	
Insertion Loss	f0 -20MHz ~ f0 -15MHz	dB	25	
	f0	dB	3.5	4
	f0 +15MHz ~ f0 +20MHz	dB	25	
Amplitude Ripple	dB		0.6	1.0
Input And Output Impedance				
Package			DCC6	
Ambient Temperature	°C		25	

Typical Performance

