- Quartz Stability
- Ideal for Satellite Receiver
- RoHS Compliant

ECS-D480A

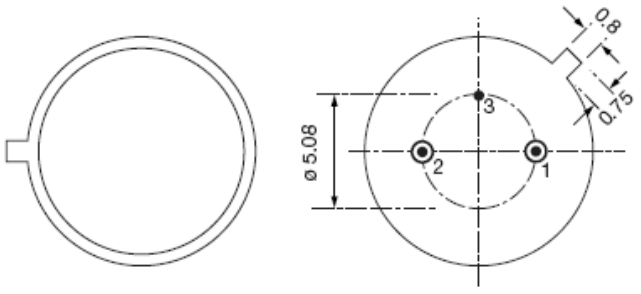
SAW FILTER

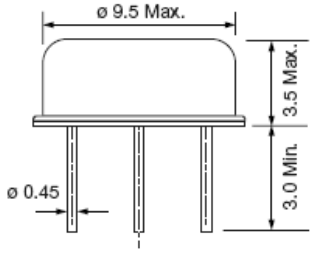
The ECS-D480A is a 480 MHz SAW (Surface Acoustic Wave) Filter in a thru-hole TO39-3A package. They are ideal for Satellite TV.

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	CONDITIONS	ECS-D480A			UNITS
		MIN	TYP	MAX	
CENTER FREQUENCY		479.0	480.0	481.0	MHz
INSERTION LOSS	@ FO		19.5	21	dB
3 dB PASS BAND		16.6	17.6	18.6	MHz
RELATIVE ATTENUATION	@ 471.0 MHz		3.4	5.4	dB
	@ 489.0 MHz		3.0	5.4	dB
	430 ~ 461 MHz	38.0	50.0		dB
	499 ~ 530 MHz	38.0	45.0		dB
AMPLITUDE RIPPLE	476.0 ~ 484.0 MHz		0.3	0.6	dB
GROUP DELAY	480.0 MHz		281.0		nS
GROUP DELAY RIPPLE	471.5 ~ 488.5 MHz		11.5	18.0	nS
FREQUENCY STABILITY	-25ºC ~ +85ºC		-86		PPM/ºC
TERMINATING IMPEDANCE	INPUT	70Ω//3.7pF			
	OUTPUT	280Ω//2.5pF			
OPERATING TEMPERATURE		-25		+85	ºC
STORAGE TEMPERATURE		-40		+85	ºC

PACKAGE DIMENSIONS (mm)





PIN CONNECTIONS	
1	INPUT
2	OUTPUT
3	GROUND

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