

SAW DUPLEXER FOR CLP



FEATURES

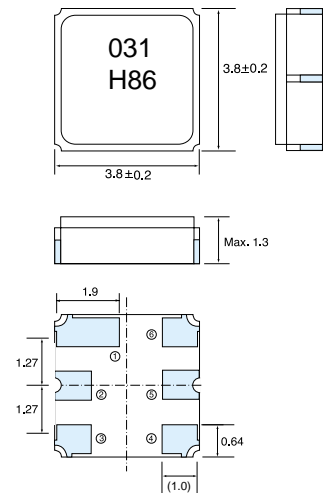
- Compact Size
- Surface Mounted Device Type

APPLICATION

- SAW RF Filter For Cordless Phone

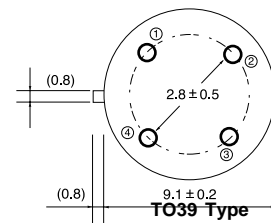
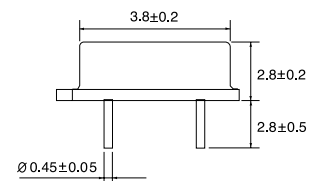
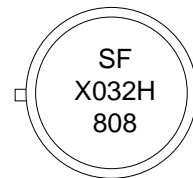
SPECIFICATIONS

		X032H	X032B	X033H
Nominal Center Frequency	Rx	903MHz	927MHz	903.75MHz
	Tx	927MHz	903MHz	926.25MHz
Passband Width at 3dB		$f_o \pm 1.0\text{MHz}$	$f_o \pm 1.0\text{MHz}$	$f_o \pm 1.0\text{MHz}$
Insertion Loss		4.5dB Max.	4.5dB Max.	4.5dB Max.
Passband Ripple		1.5dB Max.	1.5dB Max.	1.5dB Max.
Stopband Attenuation	Rx	(926MHz~928MHz) 40dB Min.	(902MHz~904MHz) 40dB Min.	(923.8MHz~927.6MHz) 40dB Min.
	Tx	(902MHz~904MHz) 40dB Min.	(926MHz~928MHz) 40dB Min.	(903.5MHz~906.2MHz) 36dB Min.
Isolation Between Rx and Tx		(Rx $\pm 1.0\text{MHz}$) 35dB Min. (Tx $\pm 1.0\text{MHz}$) 40dB Min.	(Rx $\pm 1.0\text{MHz}$) 35dB Min. (Tx $\pm 1.0\text{MHz}$) 36dB Min.	(Rx $\pm 1.0\text{MHz}$) 37dB Min. (Tx $\pm 1.0\text{MHz}$) 37dB Min.
Terminating Impedance		50 Ω	50 Ω	50 Ω
Package Type		SC38, TO39	SC38, TO39	SC38



SC38 Type

		X033B	X034BC
Nominal Center Frequency	Rx	926.25MHz	926.45MHz
	Tx	903.75MHz	903.45MHz
Passband Width at 3dB		$f_o \pm 1.0\text{MHz}$	$f_o \pm 1.0\text{MHz}$
Insertion Loss		4.5dB Max.	4.5dB Max.
Passband Ripple		1.5dB Max.	1.5dB Max.
Stopband Attenuation	Rx	(903.5MHz~906.2MHz) 33dB Min.	(903.5MHz~906.2MHz) 33dB Min.
	Tx	(923.8MHz~927.6MHz) 38dB Min.	(923.8MHz~927.6MHz) 45dB Min.
Isolation Between Rx and Tx		(Rx $\pm 1.0\text{MHz}$) 37dB Min. (Tx $\pm 1.0\text{MHz}$) 37dB Min.	(Rx $\pm 1.0\text{MHz}$) 38dB Min. (Tx $\pm 1.0\text{MHz}$) 38dB Min.
Terminating Impedance		50 Ω	50 Ω
Package Type		SC38	SC38



		X141HC	X141BC
Nominal Center Frequency	Rx	959.5MHz	914.5MHz
	Tx	914.5MHz	959.5MHz
Passband Width at 3dB		$f_o \pm 0.5\text{MHz}$	$f_o \pm 0.5\text{MHz}$
Insertion Loss		4.0dB Max.	4.0dB Max.
Passband Ripple		1.5dB Max.	1.5dB Max.
Stopband Attenuation	Rx	(850MHz~917MHz) 40dB Min.	(864MHz~890MHz) 35dB Min.
	Tx	(980.4MHz~981.) 32dB Min.	(960MHz~965MHz) 32dB Min.
Terminating Impedance		50 Ω	50 Ω
Package Type		SC38	SC38