



ACEF320RT

RF-Rx SAW Filter, Band 20

Features

- For RF SAW filter
- Single-ended operation
- Pb-free
- RoHS compliant (2002/95/EC)
- Ceramic Surface Mount Package

Absolute Maximum Ratings ^(Note)

Item	Min	Typ	Max	Unit
Absolute Attenuation	10~770MHz	40	45	dB
	832~862MHz	30	33	dB
	862~6000MHz	18	25	dB
Insertion Loss	791~821MHz	2.3	4.5	dB
Amplitude ripple@20MHz		0.5	3.5	dB
VSWR @RX port		1.8	4	dB
VSWR @Ant port		1.9	4	dB
Material Temperature coefficient	-25.79			KHz/°C
Substrate Material	42 LT			
Ambient Temperature	25			°C
Operating Temperature Range	-30		85	°C
Storage Temperature Range	-40		85	°C
Package Size	1.1*0.9			mm

Note:

All specifications are based on the test circuit shown; In production, all specifications are measured by Agilent Network analyzer and full 2 port calibration at room temperature; Electrical margin has been built into the design to account for the variations due to temperature drift and manufacturing tolerances; This is the optimum impedance in order to achieve the performance show.



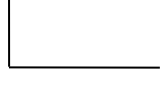


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Ordering Information

ACEF320RT XX + H

	Halogen - free
	Pb - free
	CP5 : CSP-5



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Notes

ACE does not assume any responsibility for use as critical components in life support devices or systems without the express written approval of the president and general counsel of ACE Technology Co., LTD. As used herein:

1. Life support devices or systems are devices or systems which, (a) are intended for surgical implant into the body, or (b) support or sustain life, and whose failure to perform when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in a significant injury to the user.
2. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.