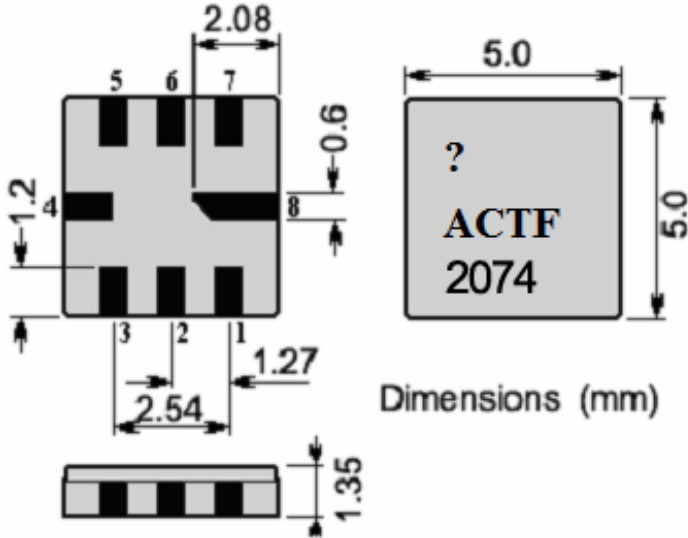
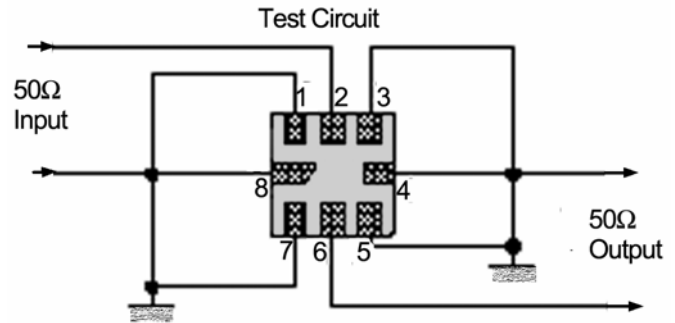


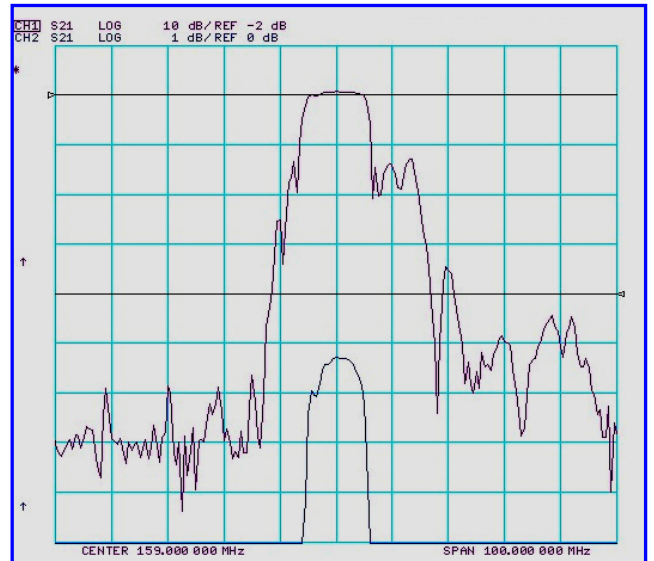
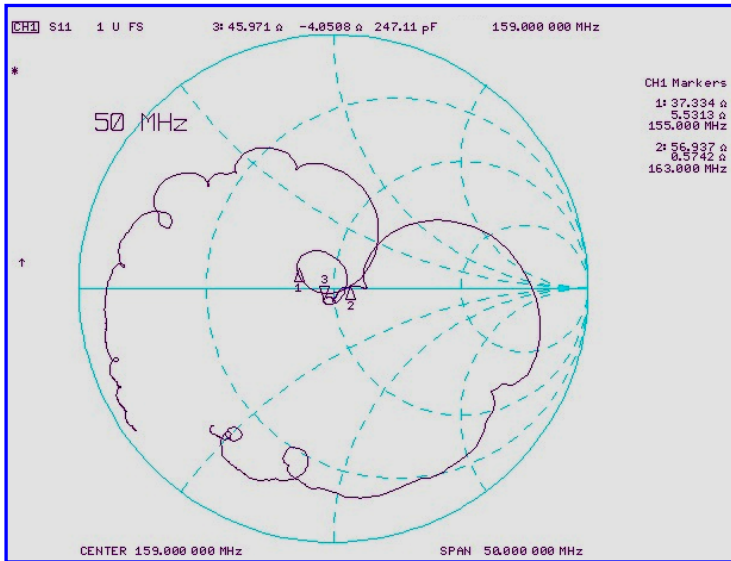
ACTF2074 159-QCC8C: 159MHz Low loss compact SAW Filter



Pad	Function
1	Input/output ground
2	Input /Output
5	Output / Input ground
6	Output / Input
3, 7	Ground these pads
4, 8	Case Ground



Typical Frequency response (S parameters)



S11
Maximum Rating
DC Voltage
Input Power
Storage Temperature
Operable Temperature

10V
0dBm
-45 ~ +125 °C
-401 ~+85 °C

S21



In line with our ongoing policy of product evolution and improvement, the above specification may subject to change without notice

ISO9001:2000 Registered

For quotations or further information please contact us at:

3 The Business Centre, Molly Millars Lane, Wokingham, Berkshire, RG41 2EY, UK

<http://www.actcrystals.com>

ACTF2074 159-QCC8: 159MHz Low loss compact SAW Filter

Electrical Characteristics:

Centre Frequency:	159 MHz Typical
1dB Bandwidth	>9.0 MHz, 9.8 MHz Typical
Insertion Loss	2dB Typical, 3dB max (155 ~ 163MHz)
Absolute Attenuation	>50dB, 55dB typ (DC~145MHz) >40dB, 45dB typ (184 ~ 250MHz) >50dB, 55dB typ (250 ~ 500MHz)
Amplitude Ripple p-p	1.5dB max, 0.8dB typ (155 ~163MHz)
Group Delay Ripple p-p	150ns max, 50ns typ (155 ~163MHZ)
Input/output Impedance	50Ω

Note:

All above measurements are made with the filter in the specified test fixture connected to a 50Ω test system with a VSWR≤1.2:1

Specifications above apply over the entire specified temperature range.