



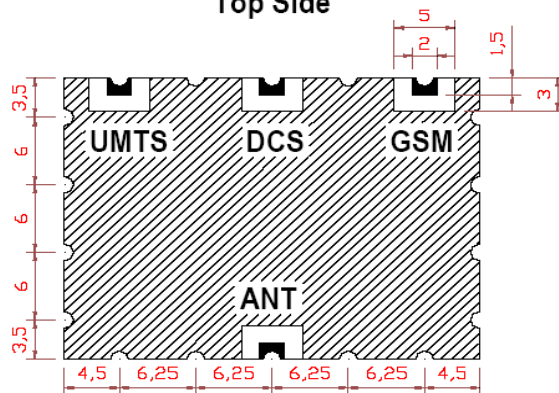
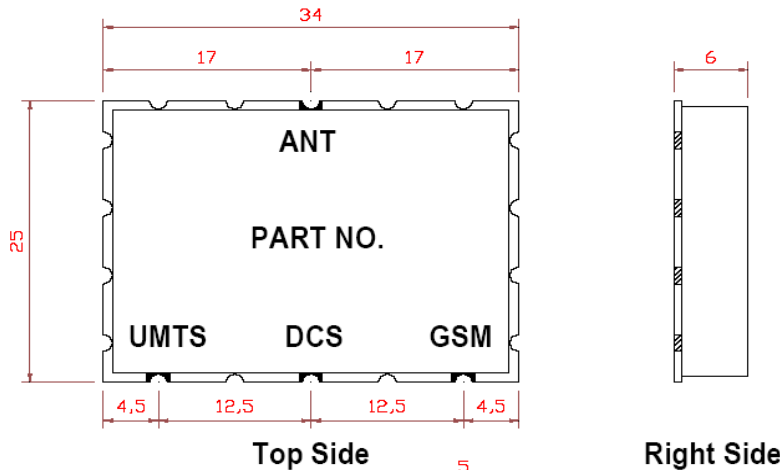
## Ceramic Filter Specification

Part No: MPX3-000003A1  
 Date: 6/8/08

Specification:

Parameter	Unit	Specification		
		GSM	DCS	UMTS
Center Frequency	MHz	947.5	1842.5	2140
Frequency Range	MHz	935~960	1805~1880	2110~2170
Insertion Loss in BW	dB	1.0 max.	1.5 max.	1.5 max.
Ripple in BW	dB	0.5 max.	0.5 max.	0.5 max.
Return Loss in BW	dB	18 min.	18 min.	18 min.
Attenuation (min.)	dB	30 @ 1805~2170 MHz 20 @ 1500~1600 MHz	20 @ 935~960 MHz 20 @ 2110~2170 MHz 20 @ 1200~1500 MHz	20 @ 935~1880 MHz 20 @ 1200~1600 MHz
In / Out Impedance	Ohm	50		
Input Power	W	3 max. per port		
Operating temperature	°C	-30 ~ +85		

Mechanical Drawing:



Right Side

Unit : mm  
 Tolerancs unless  
 otherwise specified : +/-0.2

■ In / Out put  
 ▨ Ground