



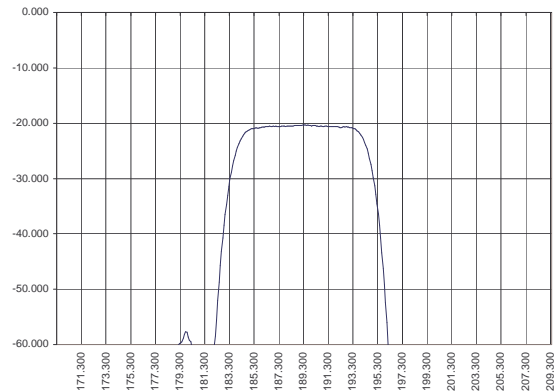
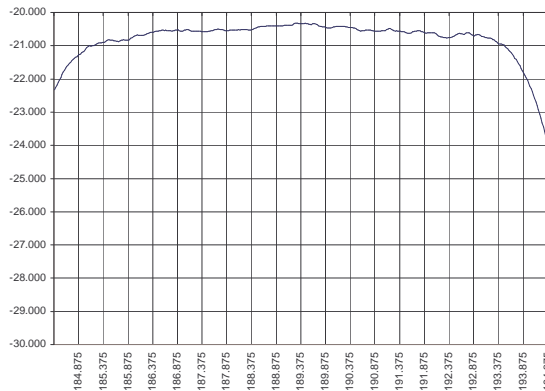
## GPS-GLONASS IF SAW 189.4 MHz Filter

Bandwidth 8.9 MHz

AEC Part Number AE45136H-189.4

PRELIMINARY DATA

### Typical performance



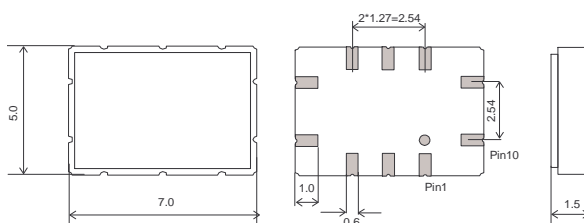
### Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	189.2	189.4	189.6
Inserted loss (unmatched)	dB	-	-20.5	-
Bandwidth @-1.2dB	MHz	-	8.85	-
Bandwidth @-37dB	MHz	-	13.7	-
Amplitude ripple	dB	-	0.5	1.0
Group Delay variation @f0+/-4MHz	nsec	-	9	10
Ultimate rejection	dB	-	45.0	-
Substrate			112LTO	
Temperature range	$^{\circ}\text{C}$	-55		85

#### Notes:

1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC test fixture

### Case



QCC12B

### Matching

