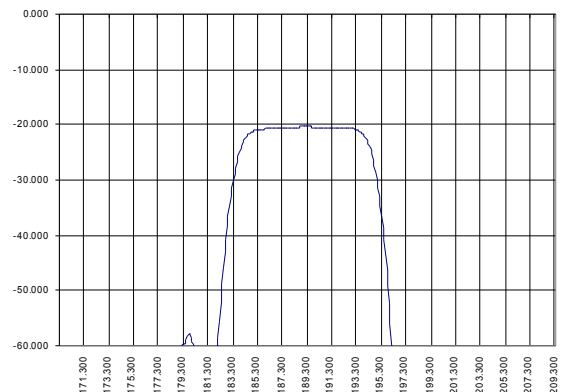
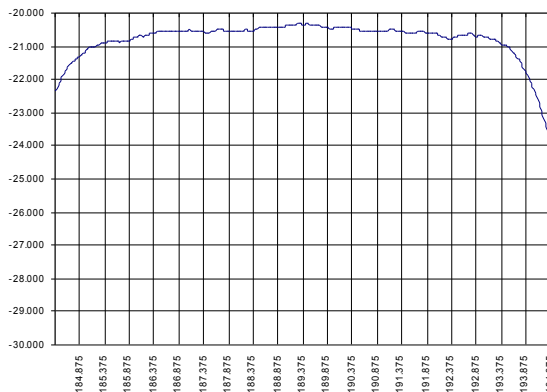


**GPS-GLONASS IF SAW 189.4 MHz
Filter
Bandwidth 8.9 MHz
Part Number M136-189.4M1**

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

Typical performance



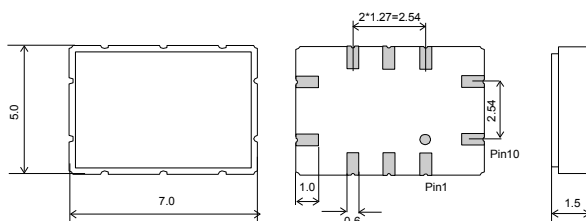
Specifications

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	°C	-55	22	85

Notes:

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

Case



QCC12B

Matching

