

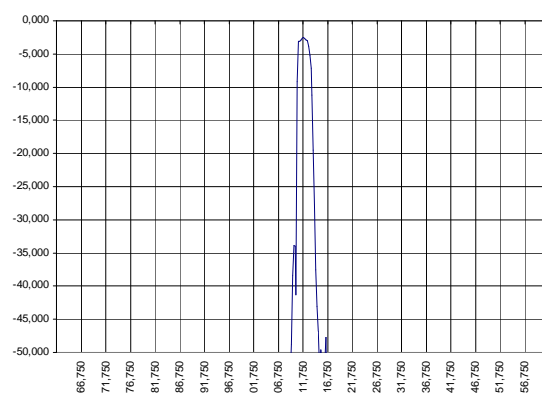
## Low loss SAW 112 MHz Filter

Bandwidth 3 MHz

AEC Part Number A131-112M1

PRELIMINARY DATA

### Typical performance



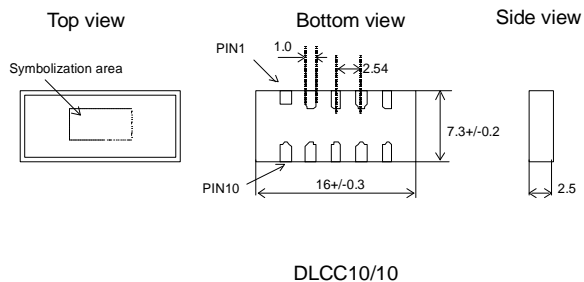
### Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	111.85	112.00	112.15
Inserted loss	dB	2.0	2.2	2.4
Bandwidth @ -1dB	MHz	1.9	2.0	2.15
Bandwidth @ -3dB	MHz	-	3.0	-
Bandwidth @ -40dB	MHz	-	5.5	-
Amplitude ripple ( $f_0 \pm 1$ MHz)	dB	-	0.7	1.0
Amplitude ripple (full band)		-	-	3.0
Ultimate rejection	dB	-	80	-
Substrate			36LTO	
Temperature range	$^{\circ}\text{C}$	-55	22.5	85

#### Notes:

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

### Case



### Matching

