



Ka band frequency synthesizer

- Low phase noise
- Internal reference
- Single DC Supply Operation

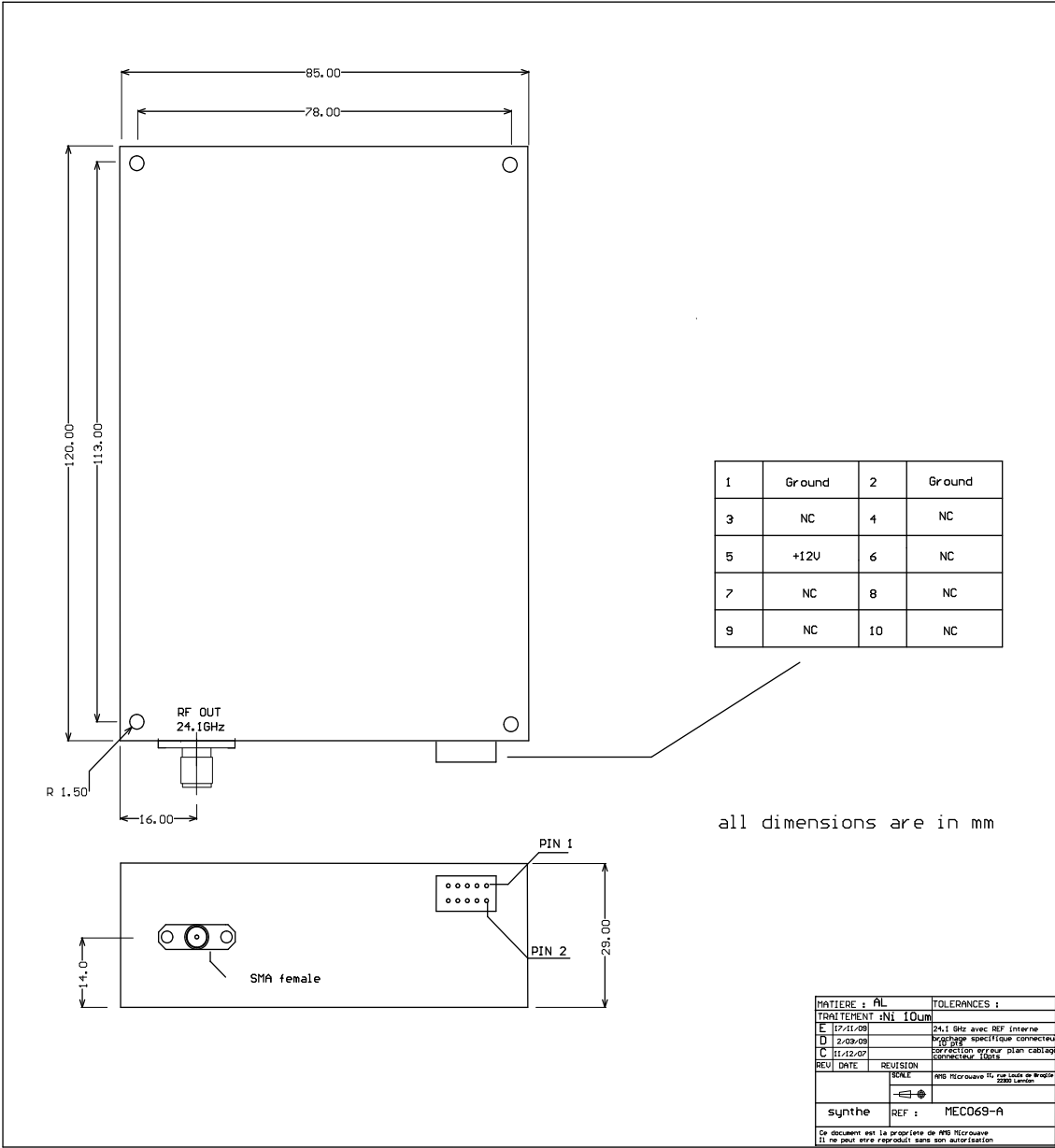
Option

- RS232
- Other frequency on request

Typical Performance Specifications

Electrical specifications		Unit
Frequency Range (fixed frequency)	23,843	GHz
Output Power	5	dBm
Phase Noise@10KHz	-78	dBc/Hz
Spurious (offset >50 KHz)	<-65	dBc typ
Harmonics	<-30	dBc typ
internal Reference	100	MHz
Frequency stability over temp. Range	+/-0.8	ppm/°C
Frequency Control		
Alarm	high level TTL=locked	
Supply Voltage		
Voltage 1	12+/-0.5	V
Typical Current	630	mA
Mecanical specifications		
Size (MEC069-A rev C)	120 x 85 x 29	mm
Connector RF et REF	SMA femelle	
Supply voltage, Alarm	connector	
Environnement		
Operating temperature	-20 à +70	°C
Storing temperature	-40 à +80	°C

Outline Drawing



DISCLAIMER :
 Different technical specifications are possible upon request, AMG reserves the right to make modifications to the design and characteristic of the product at any times and without prior notice