

# Ku-Band 6/8/10W Block Up Converters



## Applications

- High power BUCs for VSAT
- SatCom Applications

## Features

- 38/39/40dBm min. Output Power
- Based on GaN Technology
- Very Low Power Consumption (45W max.)
- Small Size & Light Weight
- Wide DC Input Range 15~60VDC (Optional)
- Internal Reference / M&C Function (Optional)

Model	GMU140145B05	GMU137145B07
RF Frequency	14.0~14.5GHz	13.75~14.5GHz
IF Frequency	950~1450MHz	950~1700MHz
LO Frequency	13.05GHz	12.80GHz
Output Power	38 / 39 / 40dBm min.	
Gain	60dB min.	
Gain Variation over Frequency	2 dBp-p max. @ any 54 MHz 4 dBp-p max. @ over full bandwidth	
Gain Variation over Temperature	4 dBp-p max.	
IMD3	-26dBc max. @total power $\leq$ 35 / 36 / 37dBm	
Spurious	In Band	-60 dBc
	Out of Band	-50 dBc
Input VSWR	2 : 1 max.	
Output Load VSWR	2 : 1 max.	
Phase Noise	-63 dBc/Hz @ 100Hz	
	-73 dBc/Hz @ 1KHz	
	-83 dBc/Hz @ 10KHz	
	-93 dBc/Hz @ 100KHz	
	-103 dBc/Hz @ 1MHz	
DC Power	15~24VDC, 38W typ. / 45W max.	
Functions	Shut off Output Power in case of LO unlocked	
LED Indicator	Green : LO Locked	
	Red : LO Unlocked	
Dimension (DC model)	150x130x55 mm max.	
Weight	1.5kg max.	
Temperature Range	Operation : -40°C to +55°C	
	Storage : -40°C to +75°C	

The specification subject to change without notice.

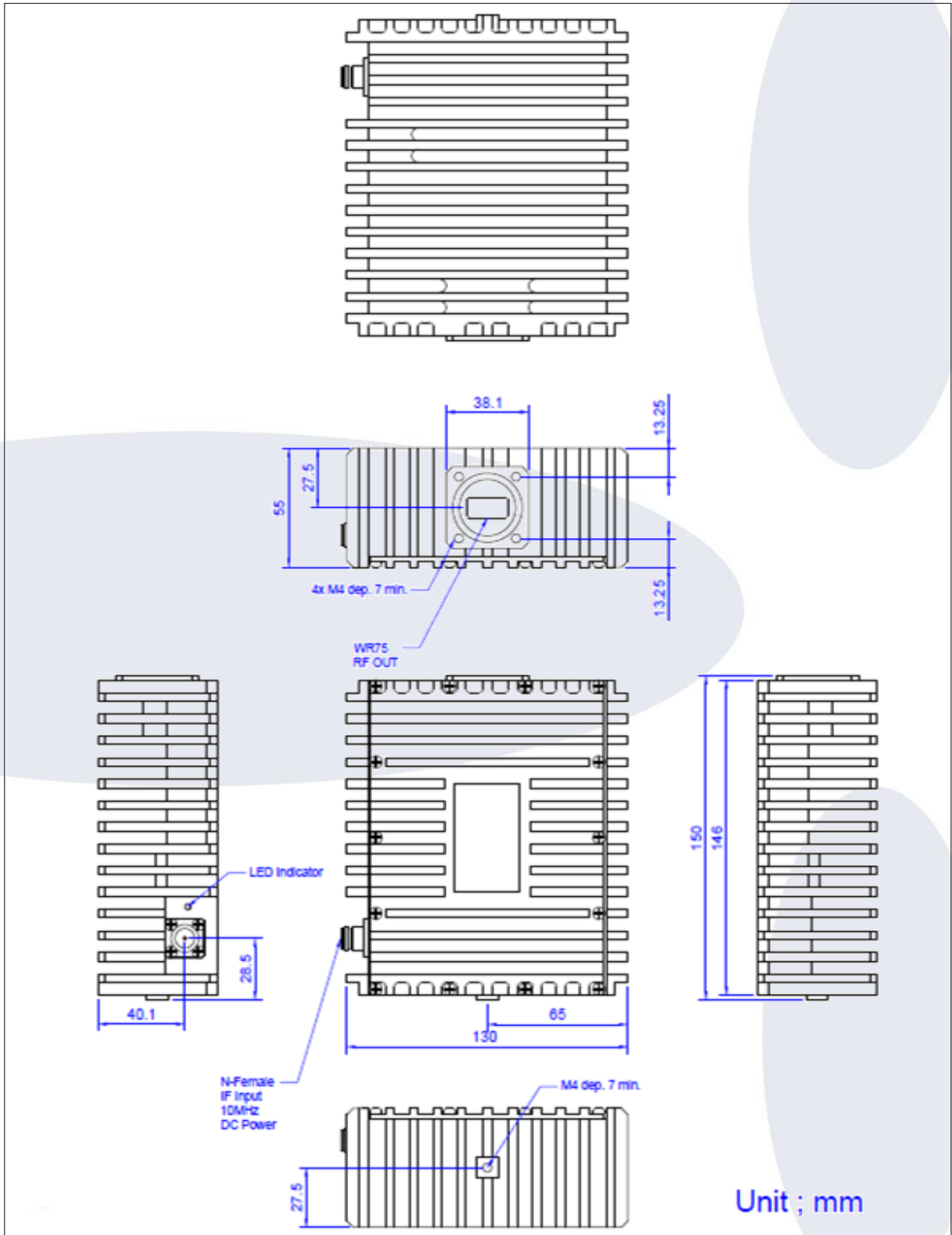


For the customized specification, price, and delivery ; Contact us

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## Mechanical Outline



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