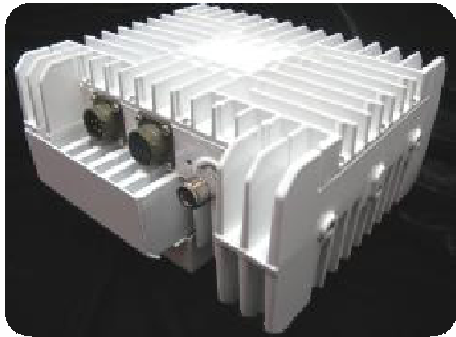


C-Band 10W/20W Block Up Converters



Applications

- C-band High power BUCs for VSAT / INSAT band
- SatCom Applications

Features

- 10W and 20W Output Power
- 18~24VDC or 36~60VDC for 10W optional MS connector
- 20~36VDC or 36~60VDC for 20W with MS connector
- Optional Internal Reference for 10/20W
- Optional M&C for 20W only
- RoHS compliant

Specification

Model Number	GMU067070B01	GMU067070B02
Frequency Band	6.725 ~7.025GHz	6.725~7.025GHz
IF Frequency	975~1275MHz	975~1275MHz
LO Frequency	5.75GHz	5.75GHz
Output P1dB	40dBm min.	43dBm min.
Linear Gain	65dB typ.	69dB typ.
Gain Variation		
Over 54MHz		1.5 dB
Over the whole Bandwidth		4 dB
Over Operation Temperature		4 dB
Gain Control (Option)	N/A	15 dB in 0.5 dB Steps via optional M&C
Spurious		
In-band		-60 dBc
Out-of-band		-50 dBc
VSWR (In/Out)		2:1 max. / 2:1 max.
Output Phase Noise		
100Hz		-65 dBc/Hz typ.
1KHz		-75 dBc/Hz typ.
10KHz		-85 dBc/Hz typ.
100KHz		-95 dBc/Hz typ.
External Ref. Phase Noise (SSB)		10MHz, -5~+5 dBm @ Input Port -125 dBc/Hz max. @ 100Hz offset -135 dBc/Hz max. @ 1kHz offset -140 dBc/Hz max. @ 10kHz offset
DC Power	18~24 or 36~60 VDC (Opt. MS Connector)	20~36 or 36~60 VDC with MS Conn.
Power Consumption	80W max.	180W max.
Internal Function	Lock Detector shuts off Tx in case of LO unlocked	
M&C Interface	N/A	RS-485/RS-232, RS-422, M&C Optionally
Mute		Via M&C Interface or disconnecting 10MHz Reference
Status LED		Bicolor : RED -Alarm / GREEN - Operational
Command Function		HPA On/Off, Gain Control, Address Change
Telemetry Function		Output Power Level (15dB Dynamic Range), Out of Lock Alarm, Temperature, Summary Alarm
Physical Interface		
RF		CPR137G
DC		F-type or N-type (female)
Dimension / Weight	220 x 194.2x 103.5 mm / 4.5 kg	220 X 195 x 136 mm / 5 kg
Humidity	Up to 100%	Up to 100%
Temperature Range	Operation : -40°C to +55°C	Operation : -40°C to +55°C

The specification subject to change without notice.

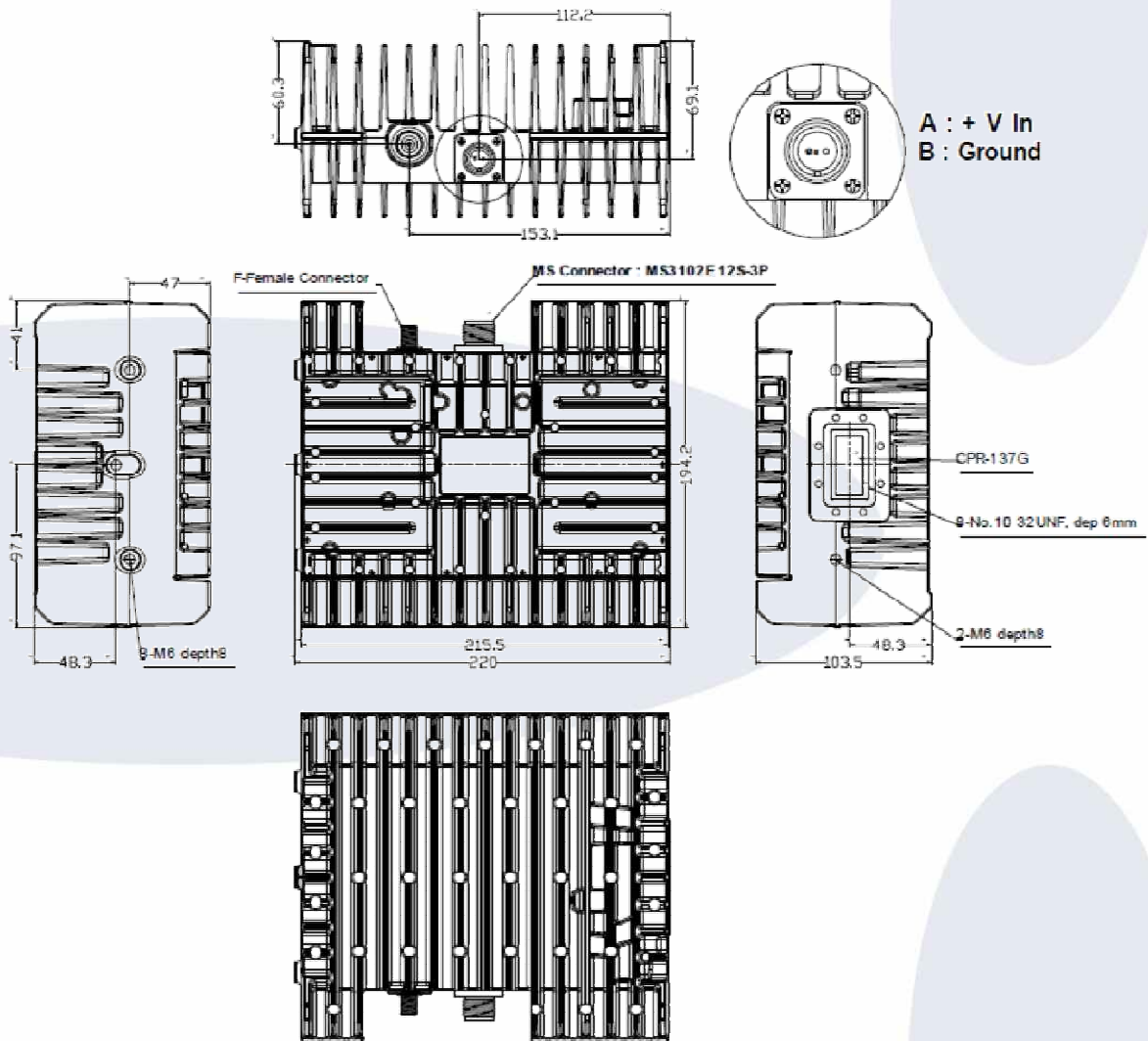


For the customized specification, price, and delivery ; Contact us

#1005, Woolim Lions Valley 3rd, 5445 Sangdaewon-dong, Jungwon-gu, Seoungnam-si, Gyeonggi-do 462-819, Korea
TEL : +82-31-713-6105 FAX : +82-31-720-5011 [Http://www.genmixtech.com](http://www.genmixtech.com)

C-Band 10W / 20W Block Up Converters

10W BUC Mechanical Outline



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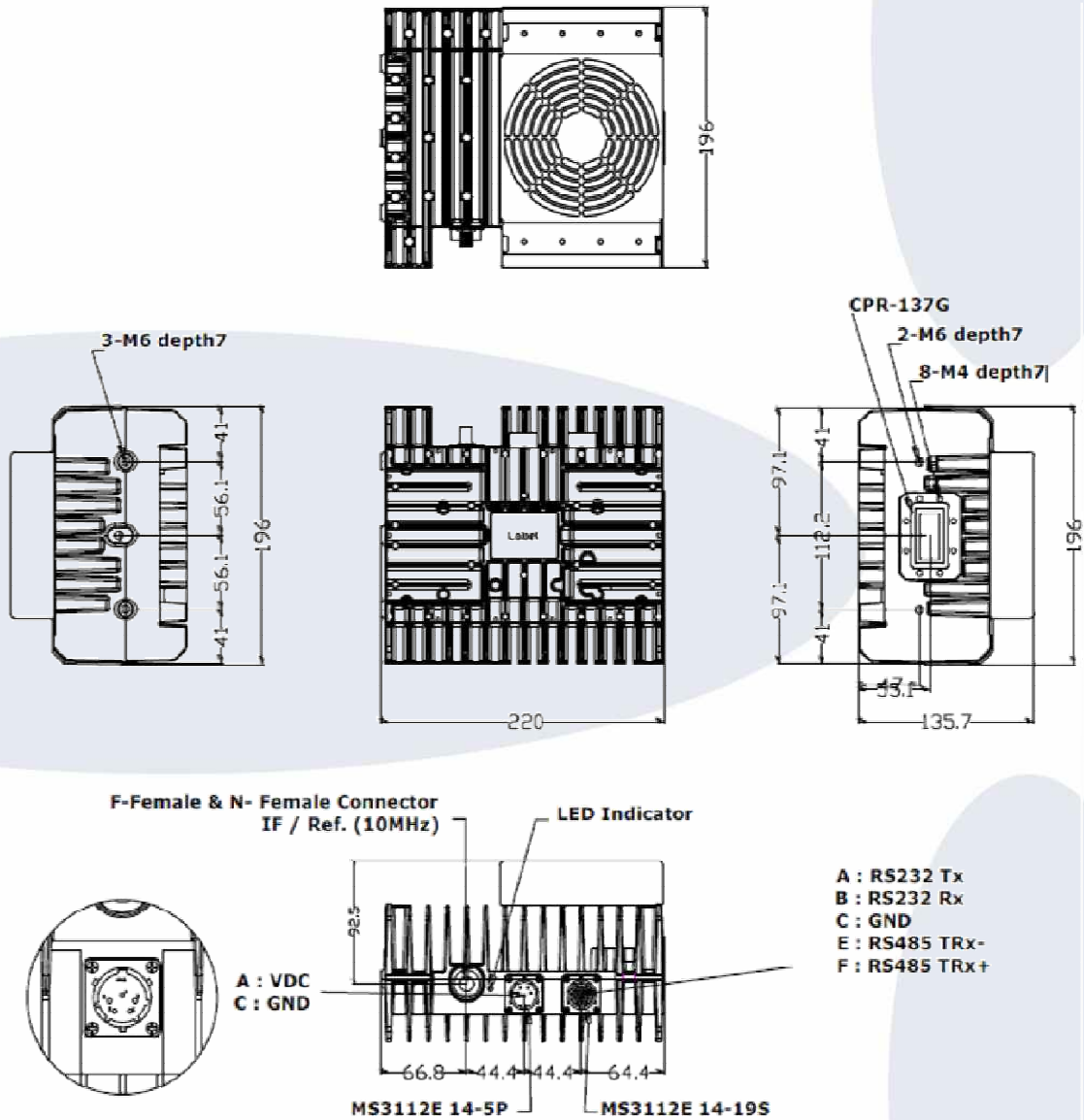


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C-Band 10W / 20W Block Up Converters

20W BUC Mechanical Outline



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