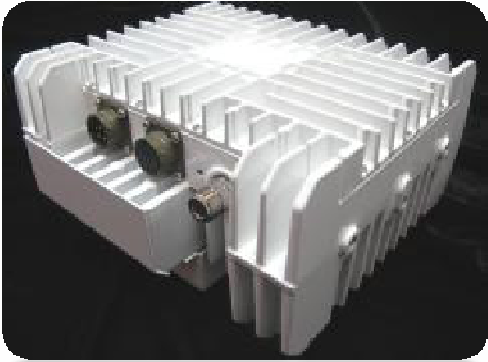


X-Band 20W Block Up Converters



Applications

- High power BUCs for VSAT
- SatCom Applications

Features

- 43dBm min. Output Power
- 36~60VDC
- DC Power 200W max.
- Optional Internal Reference and M&C
- RoHS compliant

Specification

Frequency Band	GMU079084B02
IF Frequency	950~1450MHz
LO Frequency	6.95GHz
Output P1dB	43dBm min.
Gain & Gain Variation	69dB typ.
Gain Flatness	± 0.75 dB max. @ any 54 MHz, ± 2.0 dB max. @ over 500MHz
Gain Variation	± 2.0 dB max. @ over temperature
Gain Control (Option)	15 dB gain control in 0.5 dB steps via M&C
Spurious	
In-band	-60 dBc
Out-of-band	-50 dBc
VSWR (In/Out)	2:1 max. / 2:1 max.
External Ref.	10MHz, -5~+5 dBm via IF Cable
Phase Noise (SSB)	-65 dBc/Hz @ 100Hz -75 dBc/Hz @ 1KHz -85dBc/Hz @ 10KHz -95dBc/Hz @ 100KHz
DC Power	36~60VDC, 200W max.
M&C	
Interface	RS-485/RS-232, RS-422, M&C Optionally
Mute	Via M&C Interface or 10MHz Reference Disconnection
Status LED	RED : Alarm / GREEN : Operational
Command Function	HPA On/Off, Gain Control, Address Change
Telemetry Function	Output Power Level (15dB range), Lock Fail, Temperature, Summary Alarm
Physical Interface	
RF	CPR-112G(RF Output) / N-type or F-type (RF Input)
DC	MS Connector
Dimension	220 x 195 x 136 mm
Weight	5 kg
Temperature Range	Operation : -40°C to +55°C Storage : -40°C to +75°C

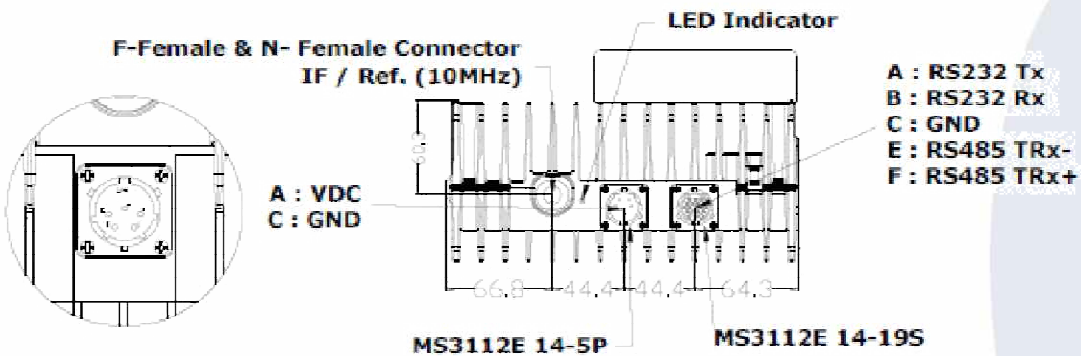
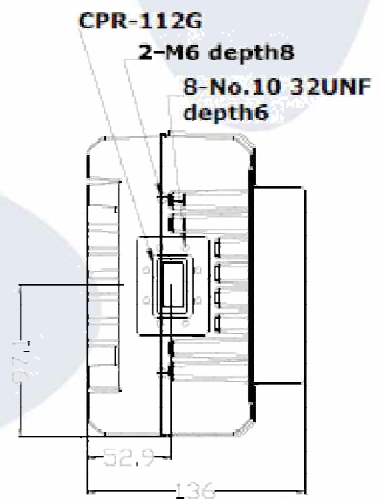
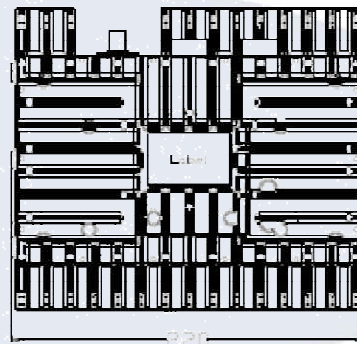
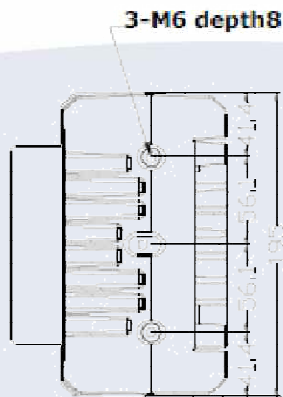
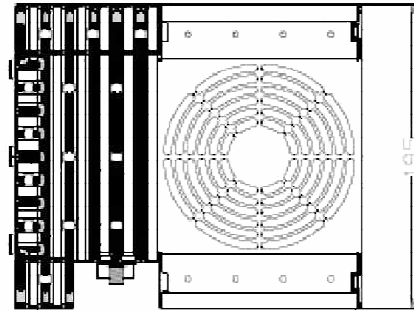
The specification subject to change without notice.



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

Ku-Band 25W Block Up Converters

Mechanical Outline



Unit : mm

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