



S.G. INTERNATIONAL GROUP H.K. LIMITED

SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

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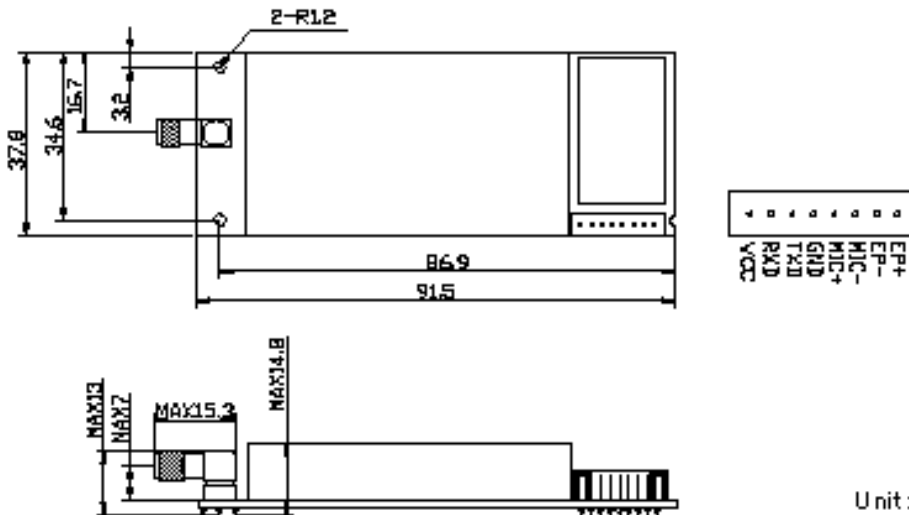
GM100E Embedded GSM Modem



Product Feature

- Support RS232 interface
- Compact size and easy to design in
- Small size, used more flexible in embedded structure
- Embedded with a GSM cellular engine and MCU to control the system
- Support UART serial port (TX/RX/GND)
- Easy to use via SmartRF command tool or standard AT command

Physical Outline



Technical Specification

Item	Technical parameter	Remark
Frequency	Dual-Band GSM 900/1800MHz	
Voltage	DC 5.5V~15V	Adjustable to 5V±0.5V
Current	50/120mA	Average current
Output Power	Compliant to GSM phase 2/2+	
	CLASS 4 (2W) for EGSM900	CLASS 1 (1W) for GSM1800
SIM Card	3V	
SMS Mode	PDU	
SMS Length	140 byte/message (max)	
Baud Rate/Parity Bit/Data Bit/Stop Bit	9600bps/None/8/1	
Communication Protocol	SmartRF GSM modem protocol	
Operational Temperature	-25℃~55℃	

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ISO 9001:2000



Cert. #801532



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Storage Temperature	-40℃~85℃	
Humidity	10%~90%	
Dimension	91.5 (L) x 37.8 (W) x 14.8 (H) mm	Excluded antenna
Weight	48g	Body only
Applied Antenna	900/1800MHz antenna	
Connector	MIC: Ø3.5 monophonic	
	Phone: Ø3.5 monophonic	

Different region/application may require different frequency/interface. Please consult us for ODM service.