

4G Module

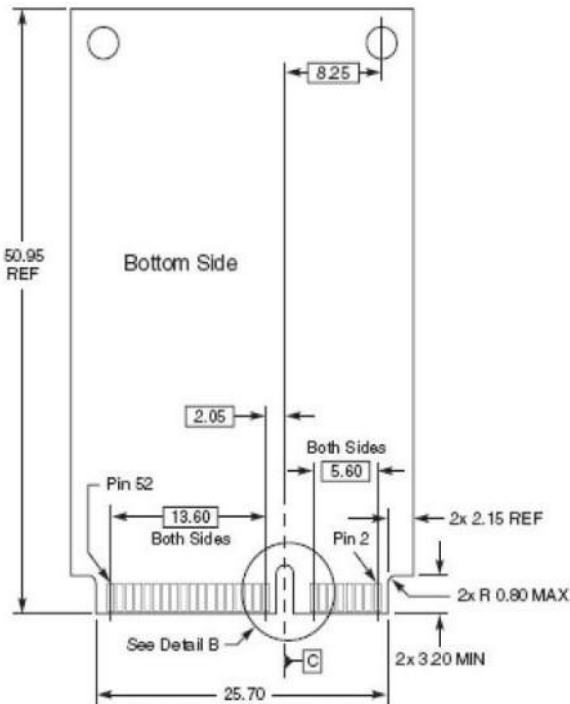
■ ■ ■ USR-G402tf-mPCIe

4G wireless module

USR-G402tf-mPCIe is a 4G wireless module with mPCIe hardware interface. The module can provide users with high speed wireless data and internet access services. And The module has voice function, SMS function, data transmission function and phone book function. Moreover, the module can work on devices of Windows, Linux and Android.

■ ■ ■ USB 4G module

- Support 2G, 3G and 4G network
- mPCIe hardware interface
- Support AT command set
- Support voice function
- Support SMS function
- Support data transmission function
- Support function of phone book
- Support USB communication
- Can work on devices of Windows, Linux and Android



Specifications

Frequency Band

TD-LTE	Band 38/39/40/41
FDD-LTE	Band 1/3
WCDMA	Band 1/8
TD-SCDMA	Band 34/39
GSM/GPRS/EDGE	Band 3/8

Power Level

TD-LTE Band 38/39/40/41	+23dBm (Power class 3)
FDD-LTE Band 1/3	+23dBm (Power class 3)
WCDMA Band 1/8	+23dBm (Power class 3)
TD-SCDMA Band34/39	+24dBm (Power class 2)
GSM Band8	+33dBm (Power class 4)
GSM Band3	+30dBm (Power class 1)

Specification

TD-LTE	3GPP R9 CAT4: download rate of 150 Mbps; Upload rate of 50 Mbps
FDD-LTE	3GPP R9 CAT4: download rate of 150 Mbps; Upload rate of 50 Mbps
WCDMA	HSPA+: download rate of 21 Mbps; upload rate of 5.76 Mbps
TD-SCDMA	3GPP R9: download rate of 2.8 Mbps; upload rate of 2.2 Mbps
GSM	Download rate of 384 kbps; upload rate of 128 kbps

Software Function

Data Service	PPPD/RNDIS/ECM dialing
Voice Call	Hard PCM voice
SMS	PDU/TEXT SMS
Phone Book	SIM/USIM card phone book
USSD	Supported
TCP/IP Protocol	IPv4, IPv6, IPv4/IPv6 double stack
OS	Windows/linux/Android

Hardware Interface

Connector Type	Mini PCI-E 52PIN
Power	3.2V~4.2V, 3.8V is recommended
LED	Status light
SIM/USIM Card	Standard 6 pin SIM card, 3V/1.8V SIM card
USB Protocol	USB 2.0 High speed
Memory(DDR RAM/NAND)	256MByte/512MByte
Size	51mm×30mm×5.15mm
Working Temp	-20°C~ +70°C
Storage Temp	-40°C~ +85°C
Working Humidity	5%~95%

Jinan USR IOT Technology Limited

Tel: 86-531-88826739

Email: sales@usriot.com

Web: www.usriot.com

Support: h.usriot.com

