

Wideband Synthesizer



Applications

- Electronic Warfare
- ELINT
- Test Equipment / Simulator

Features

- Multi Octave Bandwidth
- Low Phase Noise
- Low Power Consumption
- Customized Protocol

Parameters	Unit	Typical Specifications	
		GMO020180A01	GMO180400A01
Output Frequency	GHz	2.0 to 18.0GHz	18.0 to 40.0GHz
Frequency Step Size	MHz	5	5
Output Power	dBm	10dBm typ.	10dBm typ.
Power Variation over Temp.	dB	3dB p-p	3dB p-p
Output Impedance	Ohm	50	50
Supply Voltage	Vdc	+15	+15
Supply Current	mA	600 max.	600 max.
Spurious	dBc	-50	-50
Harmonics	dBc	-20	-20
Phase noise			
1KHz		-85	-82
10KHz	dBc/Hz	-89	-86
100KHz		-89	-86
Locked Alarm		TTL Low	TTL Low
Reference Frequency	MHz	Internal 100MHz or External	Internal 100MHz or External
Reference Power	dBm	0 +/-5	0 +/-5
Frequency Stability	ppm	+/-5	+/-5
Command/Telemetry		SPI / Serial	
Interfaces			
RF Output		SMA(F)	2.92mm(F)
Reference Input (option)		SMA(F) for External Ref.	SMA(F) for External Ref.
DC/Control/Ground		Miniature D-Sub 9pin	Miniature D-Sub 9pin
Operating Temperature	°C	-30 to +60	-30 to +60
Storage Temperature	°C	-45 to +85	-45 to +85
Outline Dimension		120 x 100 x 27mm See attached outline	120 x 100 x 27mm See attached outline

The specification subject to change without notice.

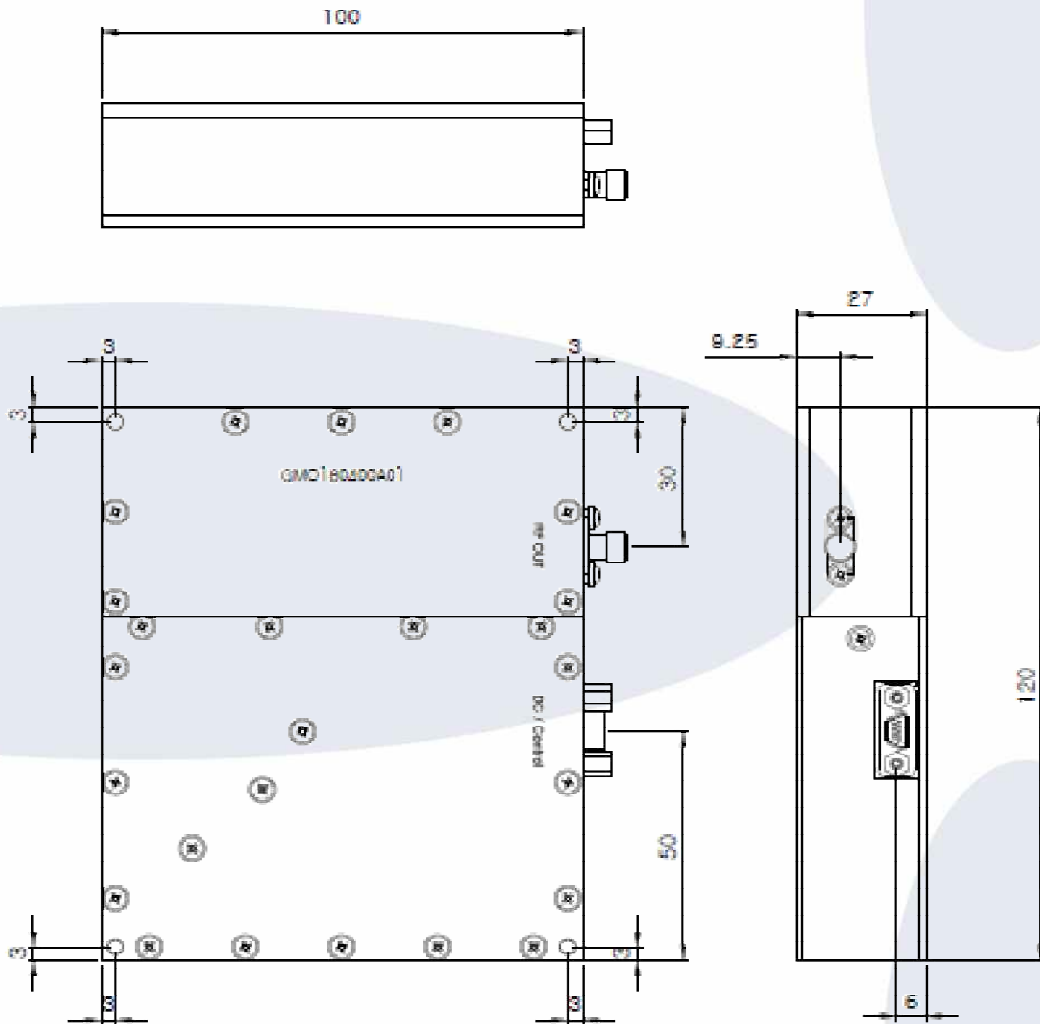


For the customized specification, price, and delivery ; Contact us

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Out line



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