Product:

Low Power M Acousto-optic Driver

Introduction:

Acousto-optic Driver is a RF driver to match the acousto-optic device products for The 26th Institute of China Electronics Technology Group Corporation.The power < 3W,Supplying for the acousto-optic modulator and frenquency shifter products.

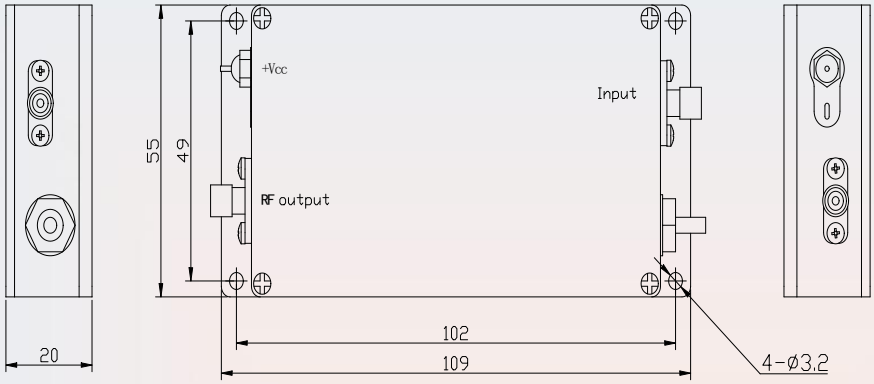
Key Features:

- High frequency stability
- Fast response time
- High on-off ration
- Low power consumption
- High temperature reliability and stability

General Specifications:

Parameters	Unit	Type(SGX XX-02-M-ab) "X"- represents for function, "T"- represents for modulate function, "Y" - represents for frequency shift function. "XX" - represents for RF output frequency; "a" - "1" represents for 24V power supplies, "2" represents for 12V power supplies, "b" : "D" - represents for digital modulate, "D" - represents for analog modulate.		
		SGT100-02-M-1D	SGT150-02-M-1A	SGT200-02-M-2D
Frequency	MHz	100	150	200
Frequency Stability	ppm	1		
RF Power	W	1-3 (Continuously tunable)		
On-off Ratio	dB	65	60	60
Rise Time	ns	20	15	10
Fall Time	ns	20	15	10
Harmonic Suppression ration	dB	>25		
Max power consumption	W	10		
Typical power consumption	W	1.0@200ns/100kHz		
Supply Voltage	Vdc	24	24	12
Package	-	M		
RF Output Connector	-	SMA		
Modulation Input Connector	-	SMA		
power regulation Connector	-	Φ3 ("—" Potentiometer) (Optional Functions)		

Outline dimension:



Package Specification: M