

# Data Sheet(Optic analog Module Series)

## ITOM-B0088-1000-DND22 / RRD22

### Electrical Specification

Parameters		Unit	Min	Max	Remark
Optical output power		dBm	2	6	
Wave length		nm	1300	1320	Donor
		nm	1540	1560	Remote
RF Gain		dB	-3	3	
Frequency		MHz	88	1000	
Flatness		dB(p-p)		2	
VSWR				1.5	S11/S22
IP3 (0dBm / Tone)		dBc	25		
Output noise floor		dBm/Hz		-130	
Directivity		dBc	50	60	
Alarm	LD	dBm	0		Normal : High(+5V) TTL
	PD	dBm	-10		
Current	12V	mA		500	
Gain Variation		dB	-5	-3	
Operating Temperature		-40℃ ~ +75℃			
Optic Connector		FC/APC			
RF Connector		SMA Female			

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## Pin Map

D-sub 9Pin Configurations				
1	Modem Enable	6	LD Monitor	Alarm Type : Open Collector, Normal : High, Alarm : Low
2	GND	7	LD ALARM	
3	+12V	8	PD Monitor	
4	TX DATA	9	PD ALARM	
5	RX DATA			

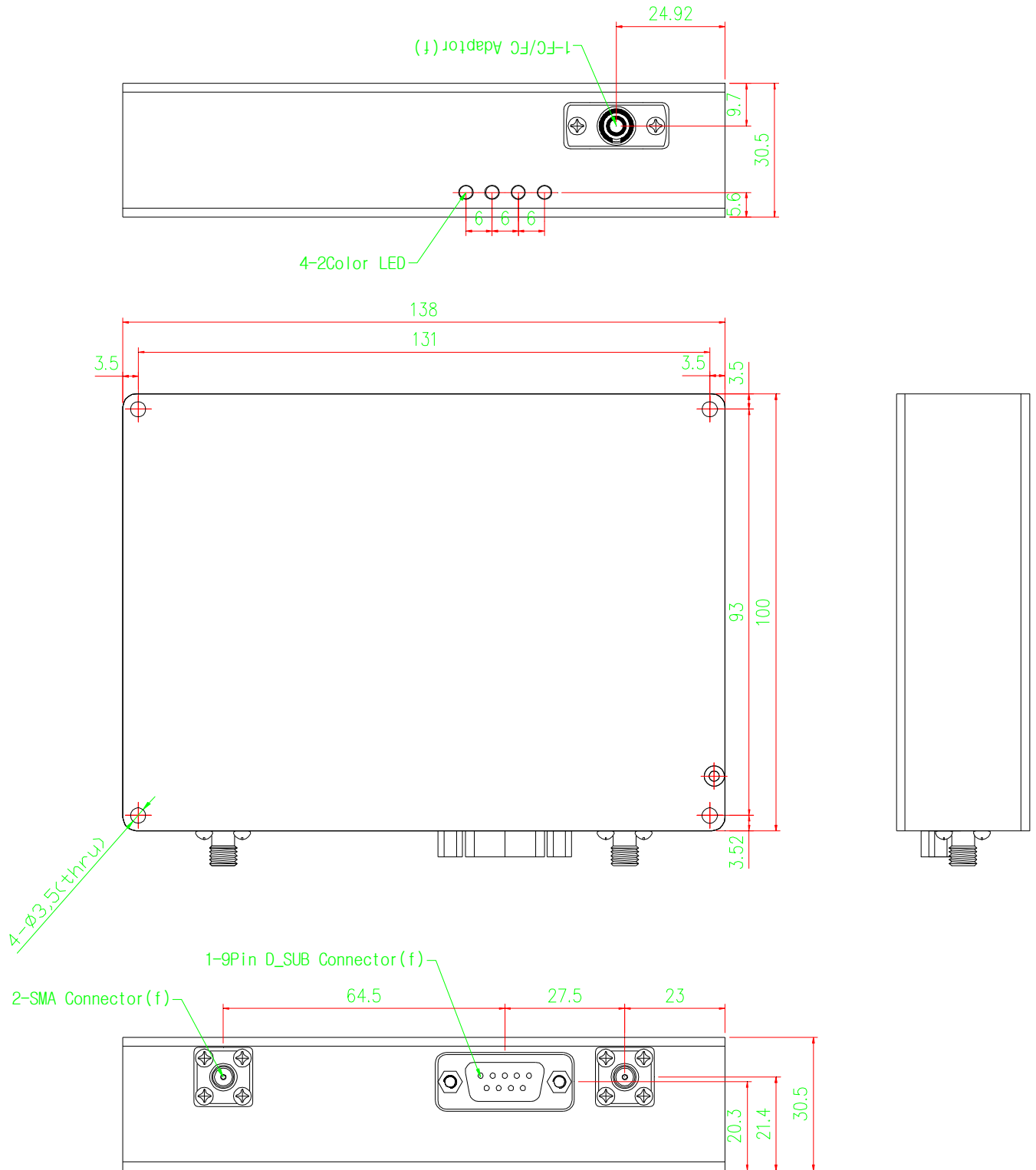
- Modem Baud Rate : 19,200bps
- Modem Enable : 0V(Enable), 5V(Disable)
- Interface : RS232

## Absolute Maximum Ratings

Absolute Maximum Rating			
Parameter	Symbol	Rating	Unit
Optical Input Power		7	dBm
RF Input Power		10	dBm
DC Supply Volts		13	V
Operating Temperature		-40 ~ +75	℃

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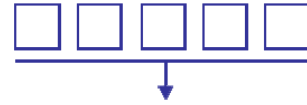
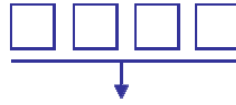
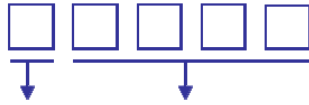
## Mechanical Specification



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## Ordering Information

ITOM



Model	Start Frequency
S - Single band	0001 - 1MHz
M - Multiband	0002 - 2MHz
B - Broadband	.
T - CATV	.
C - Customized	3000 - 3000MHz

End Frequency
0001 - 1MHz
0002 - 2MHz
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.
3000 - 3000MHz

Type	LD Type	Optic Connector	Wave length
DN - Donor	F - FP	1 - FC/UPC	1 - 1Wave
RR - Remote	D - DFP	2 - FC/APC	2 - 2Wave
TR - Transmitter		3 - SC/UPC	3 - 3Wave
RE - Receiver		4 - SC/APC	4 - 4Wave
R1 - Remote1		5 - LC/UPC	C - Customized
R2 - Remote2		6 - LC/APC	
R3 - Remote3		C - Customized	

## Contact:

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