

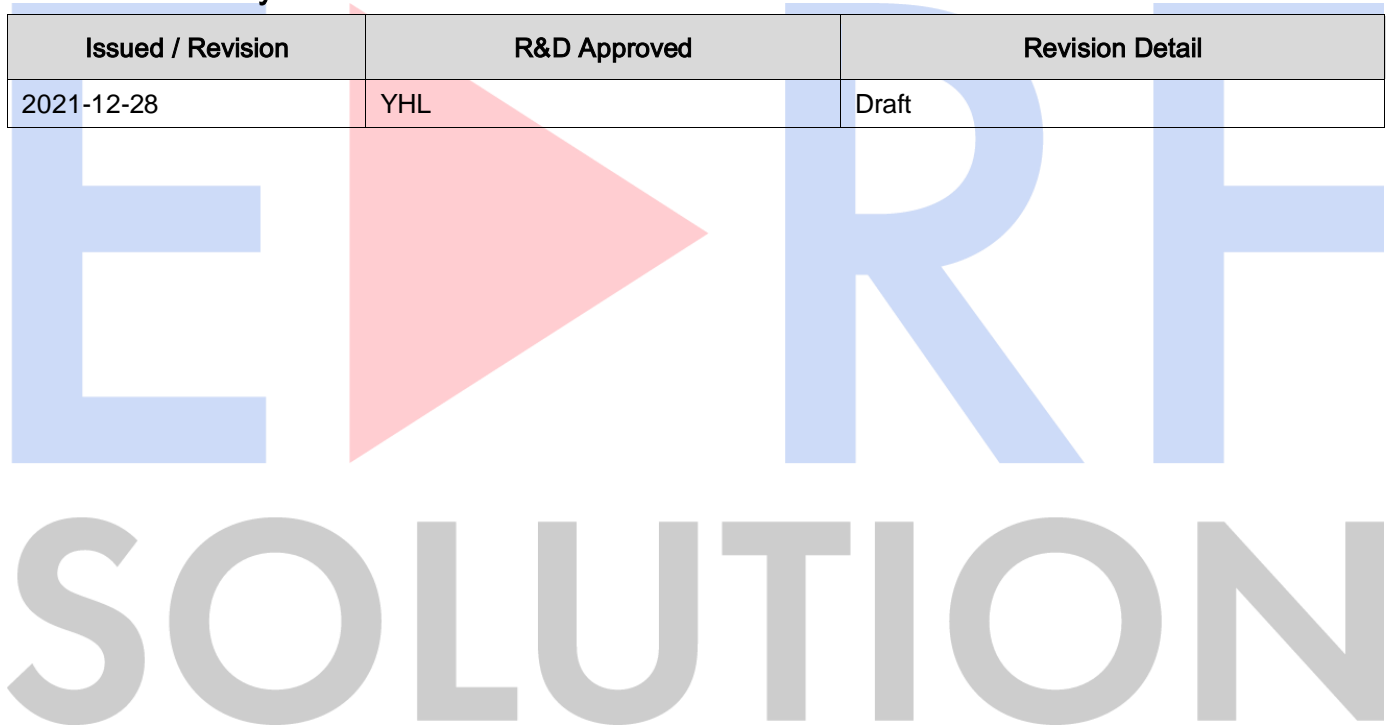
Specification

1. Item

Product	4400~5000MHz HPA
Partnumber	EHM-4400-36-46

2. Revision History

Issued / Revision	R&D Approved	Revision Detail
2021-12-28	YHL	Draft



Design	R & D	Approval
		
CYKIM		

Customer:	Date:	Part No.: EHM-4400-36-46
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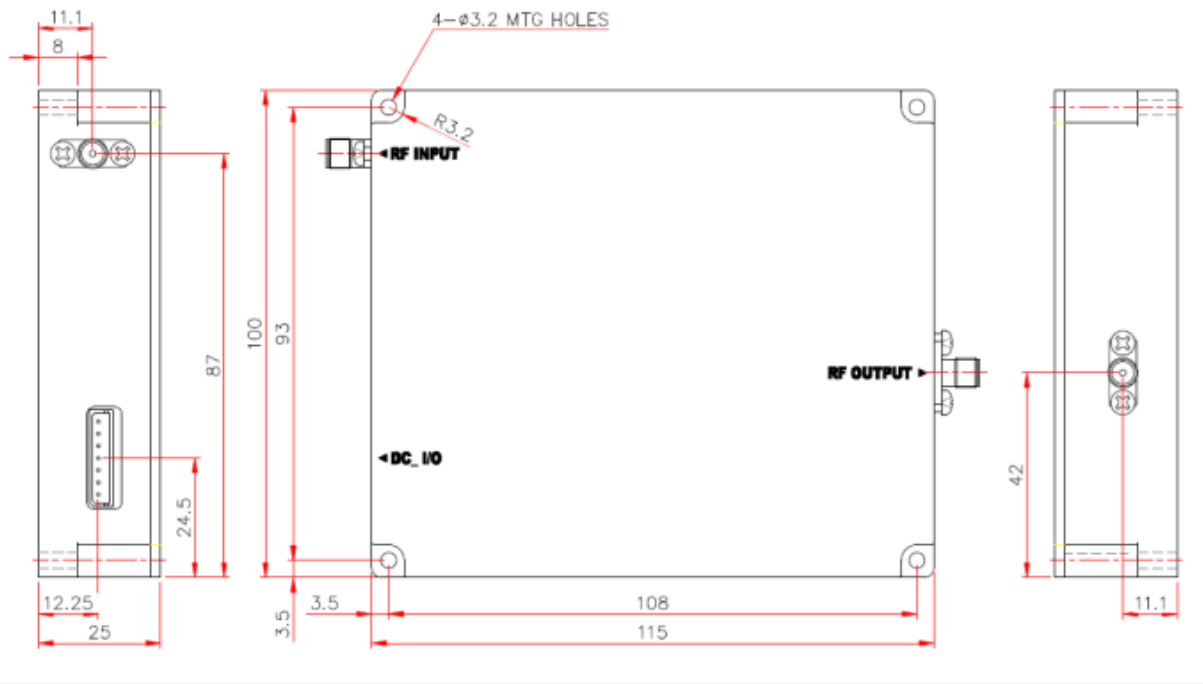
General Specification

No.	Parameter	Specification	Unit
1	Operating Frequency Range	4400MHz ~ 5000MHz	-
2	Rated Output Power	4W(+36dBm) typ.	-
3	Small Signal Gain	46dB typ.	-
4	Gain Flatness	± 1.5dB	-
5	Input Return Loss	14dB typ.	-
6	Signal Modulation	64 QAM	-
7	ACLR @Pout : 36dBm QAM, BW : 300 kHz Settings : RBW : 3kHz, VBW : 3kHz	-33dBc typ.(-30dBc min) @Δ150kHz	-
		-48dBc typ.(-45dBc min) @Δ330kHz	
8	EVM	5% min.	-
9	Harmonics	-45dBc min	-
10	Spurious Signals	-60dBc min	-
11	Supply Voltage	+28VDC±0.2	-
12	Supply Current	1.0A typ (1.5A max)	-
13	Operating Case Temperature	-30°C ~ +80°C	-
14	Relative Humidity	0% ~ 80%	-

Mechanical Specification

No.	Parameter	Specification	Unit
1	Dimension	115*100*25	W * D * H (mm)
2	Connector Type	SMA Female	-
3	Pin Map (526807A (MOLEX))	1. Current Monitor	1.0A @ 0.4V (0.04V/0.1A)
		2. Enable/Disable	ON : TTL "Low", OFF : TTL "High"(Internally Pulled-Low)
		3. Temperature Monitor	(10 mV/ C x Temp) + 500 mV
		4. GND	Ground
		5. GND	Ground
		6. Vcc	+28VDC
		7. Vcc	+28VDC

Mechanical Dimension [Unit: mm]



ACLR [64 QAM]

