

Specification

1. Item

Product	5920~7130MHz 50W HPA
Partnumber	EHM-5920-47-40

2. Revision History

Issued / Revision	R&D Approved	Revision Detail



Design	R & D	Approval
		
CYKIM		

Customer:	Date:	Part No.: EHM-5920-47-40
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General Specification

No.	Parameter	Specification	Unit
1	Operating Frequency Range	5920MHz ~ 7130MHz	-
2	Output Power(Psat)	50W	-
3	Small Signal Gain	50dB	-
4	Gain Flatness	±2.0	dBp-p
5	Impedance	50Ohms	-
6	Input VSWR	1.8 :1 (max.)	-
7	Harmonic	-40dBc	-
8	Spurious Signals	-60dBc	-
9	Operating Voltage	32V	-
10	Current Draw	9~10A	-
11	Protection	Temp. Shutdown : ≥ +85°C Shutdown, Auto-restart @ +75°C	-
12	Operating Case Temperature	-20 ~ +75 °C	-
13	Storage Temperature	-40 ~ +90 °C	-
14	Relative Humidity	5~95%	(Non-condensing)

Mechanical Specification

No.	Parameter	Specification	Unit
1	Dimension	250*90*28	W * D * H (mm)
2	RF Connectors	SMA(F)	-
3	DC/Interface Connector	Hybrid D-sub 7W2 Male	-

Pin Description

	Pin No.	Description	Specification
DC/ Interface	A1	VDD	+32VDC
	A2	GND	Ground
	1	Current Monitor	1.0V@10A, 0.1V/A
	2	Shutdown	ON : TTL "Low", OFF : TTL "High" (Internally Pulled-Low)
	3	Temperature Monitor	Vo=(10mV/°C x Temp) + 500mV
	4	NC	