

## GKF-L01C

CHENZHOUXIPOINT TECHNOLOGIES CO.LTD		Product specification	Product model: GKF-L01C (Universal Single PLL LNB)	
			Edition: A	
No.	ITEM	SPECIFICATION	UNIT	
1	Low Band I/P Frequency Range	10.7 ~ 11.7	GHz	
2	O/P Frequency Range	950 ~ 1950	MHz	
3	LO Frequency	9.75	GHz	
4	Noise Figure	0.7 [typ] 1.0 [max]	dB	
5	High Band I/P Frequency Range	11.7 ~ 12.75	GHz	
6	O/P Frequency Range	1100 ~ 2150	MHz	
7	LO Frequency	10.6	GHz	
8	Noise Figure	0.7 [typ] 1.0 [max]	dB	
9	LO Initial Accuracy	± 0.5	MHz	
10	LO Temperature Drift - 30 ~ + 60°C	± 0.75	MHz	
11	LO Phase Noise @ 1K Hz	-55	dBc / Hz	
12	LO Phase Noise @ 10K Hz	-80	dBc / Hz	
13	LO Phase Noise @ 100K Hz	-90	dBc / Hz	
14	Conversion Gain	58 [min]	dB	
15	Gain Flatness	± 4 [max]	dB	
16	Gain Variation	± 0.75	dB/27 MHz	
17	Image Rejection	-40 [min]	dB	
18	O/P 1 dB Compression Point	0.0 [min]	dBm	
19	Crosstalk Isolation	20 [min]	dB	
20	Control Signals Ca [ V ]	11.0 ~ 14.5	V	
21	Control Signals Cb [ H ]	16.0 ~ 20.0	V	
22	Control Signals Cc	22 ± 4	KHz	
23	O/P VSWR	2.5 : 1	~	
24	DC Power	11 ~ 20V/120(max)	Vdc*mA	
25	Working Temperature	- 30 ~ + 60	°C	
26	Output Impedance	75	Ω (F-Type)	



Approved By:

Date:

Checked By:

Date:

Prepared By:

Date:

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