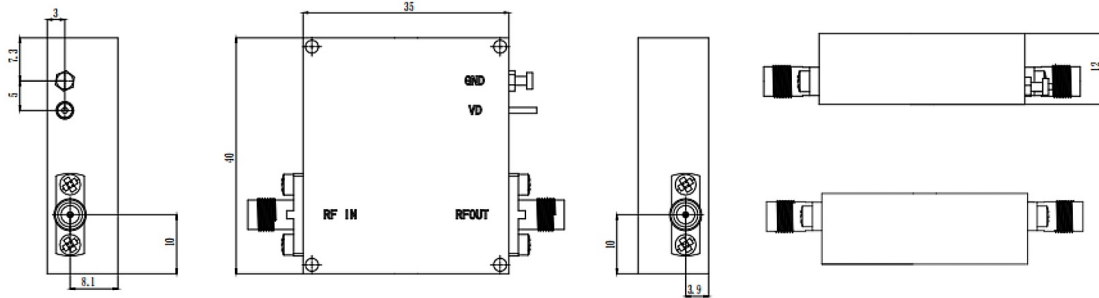


2.92mm(K,SK) LNA Module, **RLNAM3540KSeries**

Select the frequency according to the specification table.

Dimensions(mm) Tolerance $\pm 1\%$



Mechanical & Product Information

Product Number	RLNAM3540K Series, P-Grade, UWB	Product Type	同轴低噪放模块, 50 Ohms
Connector	2.92mm(K,SK)母 - 2.92mm(K,SK)母	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	Gold plated brass	Operating Temp.	°C
Dimensions	35×40×12mm	Net Weight	-
Power supply	PIN, -		

Product Selection

RFTOP P/N	Freq.Range	Gain Typ.	Flatness	P1dB	Psat	NF	IN VSWR	OUT VSWR	Power
RLNAM3540K-2F26-38 DC 8V(+10V Max), 0.33A	2-26.5GHz	38dB (Min 36dB)		≤4dB (Typ. 3dB)	19dBm	20dBm	≤2.4 (Typ. 1.8)	≤2.4 (Typ. 1.8)	5dBm
RLNAM3540K-50K40-26 DC 12V(+13V Max), 0.27A	50KHz- 40GHz	26dB (Min 24dB)		≤5dB	20dBm	21dBm	≤2.5 (Typ. 1.8)	≤2.5 (Typ. 1.8)	5dBm
RLNAM3540K-50K40-38 DC 12V(+13V Max), 0.38A	50KHz- 40GHz	38dB (Min 36dB)		≤5dB	20dBm	21dBm	≤2.5 (Typ. 1.8)	≤2.5 (Typ. 1.8)	5dBm
RLNAM3540K-10M40-27 DC 12V(+14V Max), 0.26A	0.01-40GHz	27dB (Min 25dB)	±2.5 dB Typ.	≤6dB (Typ. 4.5dB)	21dBm	22dBm	≤2.5 (Typ. 1.8)	≤2.5 (Typ. 1.8)	5dBm
RLNAM3540K-2F40-37 DC 8V(+10V Max), 0.22A	2-40GHz	37dB (Min 35dB)		≤4.5dB (Typ. 3.5dB)	13dBm	13.5dBm	≤2.4 (Typ. 1.8)	≤2.4 (Typ. 1.8)	5dBm
RLNAM3540K-75K43-38 DC 12V(+14V Max), 0.34A	75KHz- 43GHz	38dB (Min 36dB)		≤4.5dB	18dBm	19dBm	≤2.5 (Typ. 1.8)	≤2.5 (Typ. 1.8)	5dBm
RLNAM3540K-10M43-32 DC 12V(+14V Max), 0.4A	0.01-43GHz	32dB (Min 30dB)		≤4.5dB	18dBm	19dBm	≤2.5 (Typ. 1.8)	≤2.5 (Typ. 1.8)	5dBm

Customized: including frequency range, P1dB, Psat, input/return power and other electrical performance indicators.



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