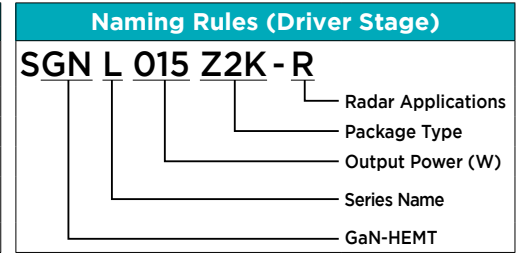
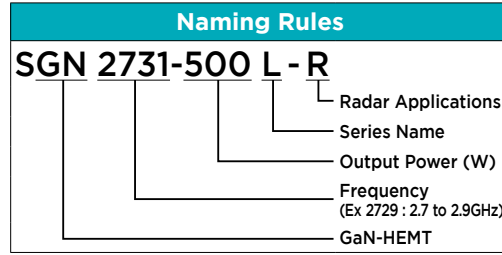


GaN HEMTs for Radar L/S-band

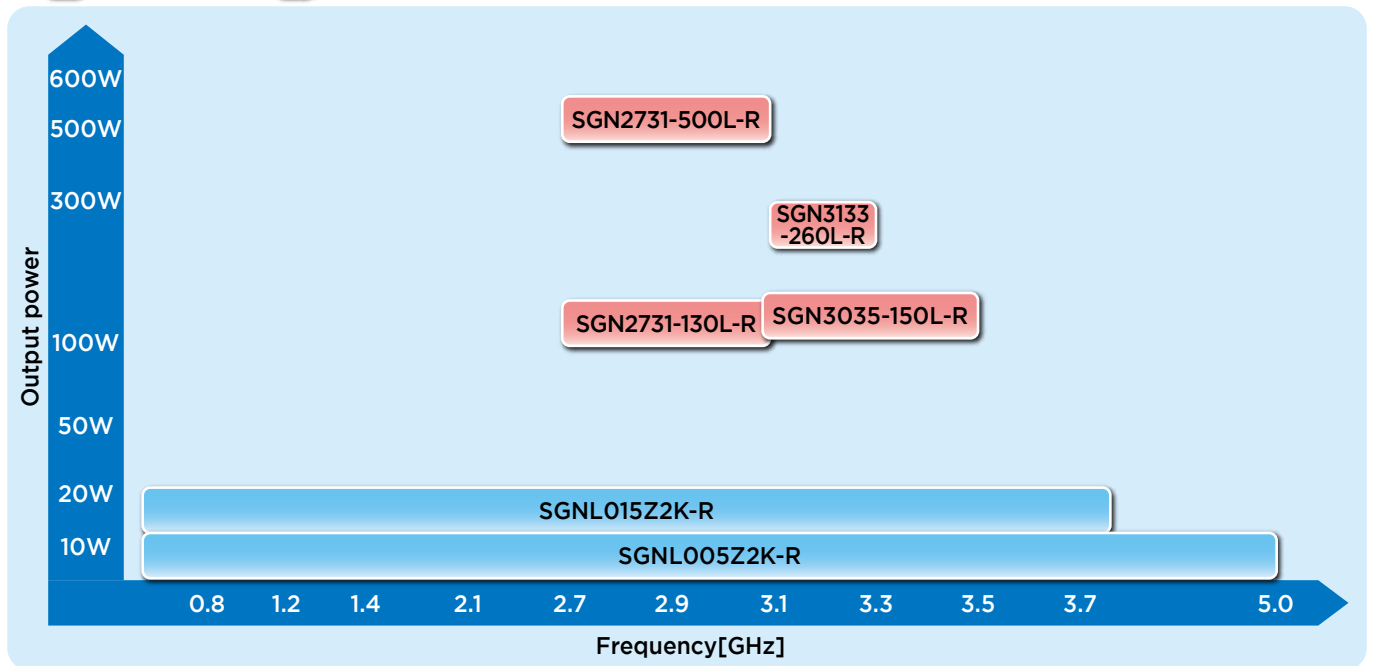
Features

- High Power up to 570W(Typ.)
- High Gain
- High Efficiency
- Broad Band
- Impedance Matched $Z_{in}/Z_{out} = 50\Omega$



GaN HEMTs for Radar L/S Lineup

■ IV Package
 ■ Z2K Package



	Part Number	Freq. (GHz)	Pout Typ. (dBm)	Gp Typ. (dB)	η_D Typ. (%)	VDS (V)	IDS (DC)	Rth ($^{\circ}C/W$)	Conditions Pulse Width/Duty	Pkg
*	SGNL015Z2K-R	DC-3.8	42.4	15.8	56	50	0.06	7.2	5 μ s/10%	Z2K
*	SGNL005Z2K-R	DC-5.0	38.3	16.0	52	50	0.02	9.5		
	SGN2731-130L-R	2.7-3.1	52.2	14.2	62	50	0.5	1.1	400 μ s/25%	IV
	SGN2731-500L-R	2.7-3.1	57.4	12.4	57	50	1.5	0.55	120 μ s/10%	
	SGN3035-150L-R	3.0-3.5	52.8	13.8	62	50	0.5	1.1	200 μ s/10%	
	SGN3133-260L-R	3.1-3.3	55.1	11.4	57	32	1	0.55		

* : Impedance un-matched

Product Photo

