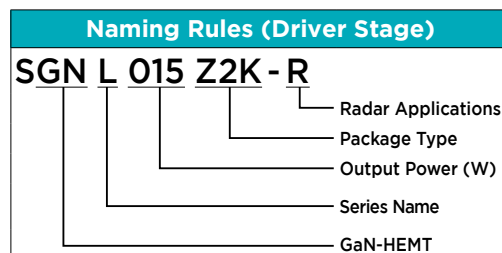
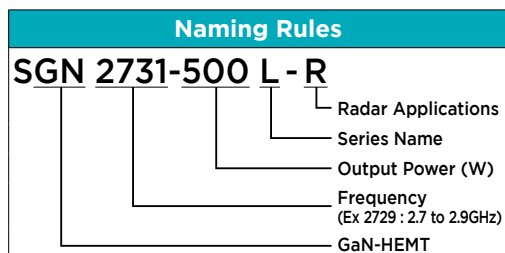


GaN HEMTs for Radar L/S-band

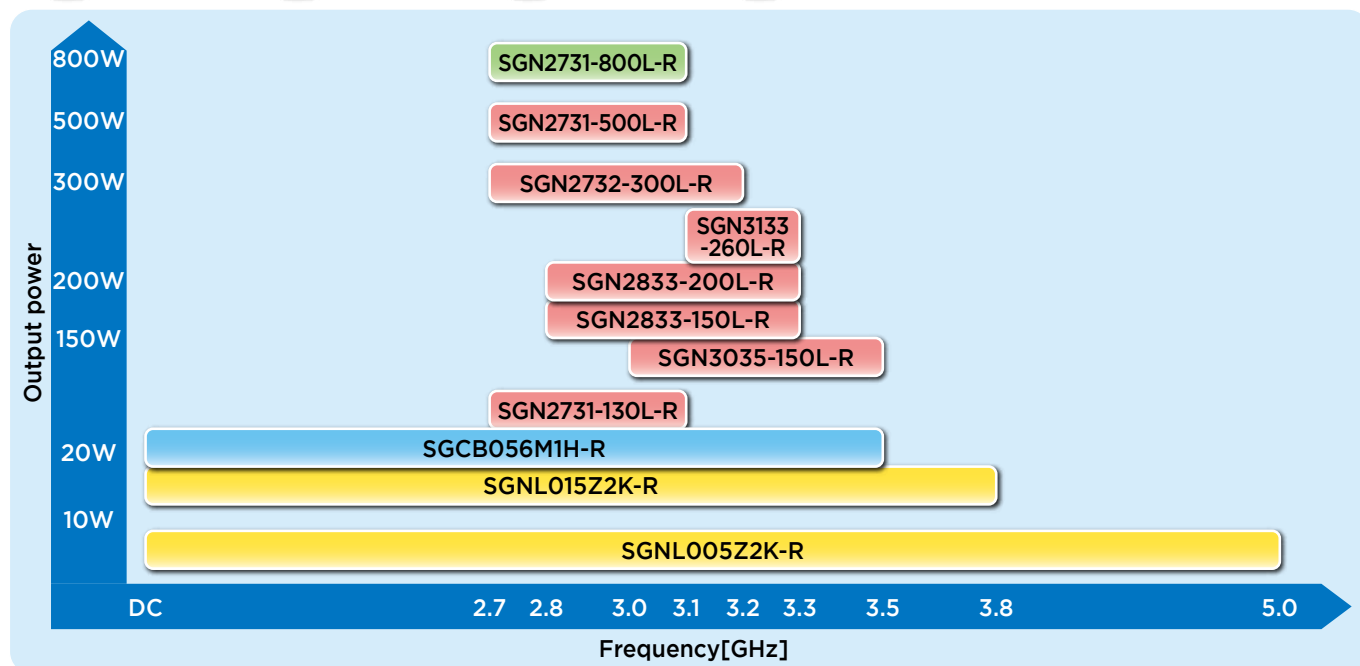
Features

- High Power up to 1000W(Typ.)
- High Gain
- High Efficiency
- Broad Band



GaN HEMTs for Radar L/S Lineup

■ IV Package
 ■ M2C Package
 ■ Z2K Package
 ■ M1H Package



	Part Number	Freq. (GHz)	Pout Typ. (dBm)	Gp Typ. (dB)	Efficiency (%)	VDS (V)	IDS (DC)	Conditions Pulse Width/Duty	Pkg
*	SGNL005Z2K-R	DC-5.0	38.3 38.0	12.8 12.5	52 49	50	0.02	5μs/10% 3000μs/30%	Z2K
*	SGNL015Z2K-R	DC-3.8	42.4 42.1	11.9 11.6	56 53	50	0.06	5μs/10% 3000μs/30%	
*	SGCB056M1H-R	DC-3.5	47.5 47.2	13.5 13.2	60 57	50	0.13	200μs/10% 3000μs/30%	M1H
*	SGN2731-130L-R	2.7-3.1	52.2 51.9	14.2 13.9	62 59	50	0.5	400μs/25% 3000μs/30%	IV
*	SGN3035-150L-R	3.0-3.5	52.8 52.3	13.8 13.5	62 59	50	0.5	200μs/10% 3000μs/30%	
*	SGN2833-150L-R	2.8-3.3	52.8 52.5	13.8 13.5	62 59	50	0.5	200μs/10% 3000μs/30%	
*	SGN2833-200L-R	2.8-3.3	54.0 53.7	12.0 11.7	60 57	50	0.5	200μs/10% 3000μs/30%	
	SGN3133-260L-R	3.1-3.3	55.1	11.4	57	32	1	200μs/10%	
	SGN2732-300L-R	2.7-3.2	55.5	15.5	62	50	1	200μs/10%	
	SGN2731-500L-R	2.7-3.1	57.4	12.4	57	50	1.5	120μs/10%	
	SGN2731-800L-R	2.7-3.1	60	15	60	50	0.5	200μs/10%	M2C

* Long pulse, High duty capable

Product Photo

