

S-Band Radar - GaN

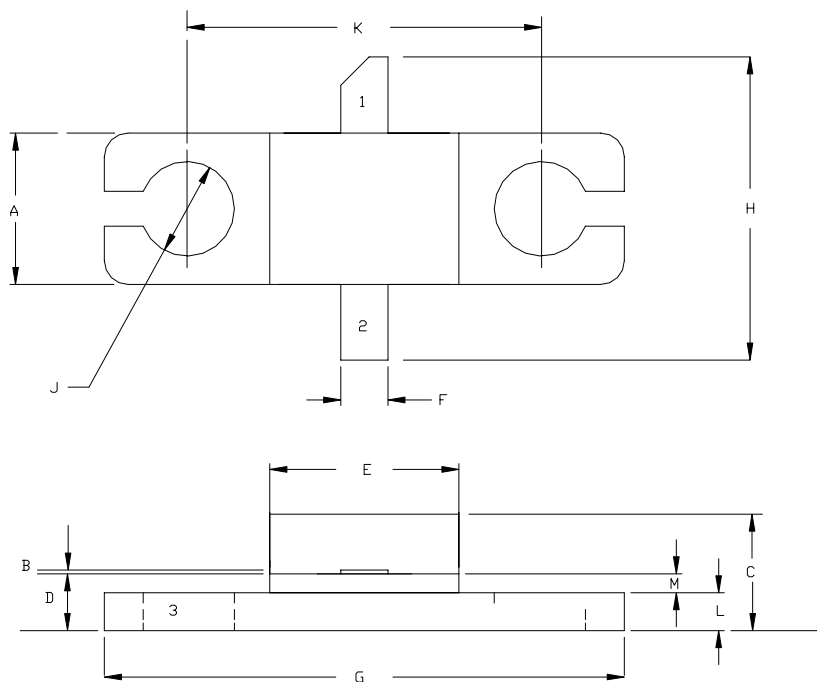
Internally Pre-matched Discrete



IGN2735M5

Integra introduces the IG2735M5 – an internally pre-matched discrete device based on gold metallized GaN technology.

- Output Power $\geq 5W$
- Gain $\geq 15dB$
- Efficiency $\geq 55\%$
- Frequency: 2.7-3.5GHz, PW = 300 μ s, DF = 10%
- $V_{DD} = 32V$, $I_{DQ} = 50mA$
- Patent Pending 1062.P0004US
- This device is rated for a peak output power level of $P_{PEAK} = 5W$ @ 10% duty factor. This corresponds to an average power $P_{AVG} = 0.5W$.
- Not rated for CW operation.



DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.155	0.165	3.94	4.19
B	0.004	0.006	0.10	0.15
C	0.115	0.135	2.92	3.43
D	0.057	0.067	1.45	1.70
E	0.195	0.205	4.95	5.21
F	0.045	0.055	1.14	1.40
G	0.545	0.555	13.84	14.09
H	0.310	0.330	7.87	8.38
J	0.098	0.102	2.49	2.59
K	0.370	0.380	9.40	9.65
L	0.035	0.045	0.89	1.14
M	0.015	0.025	0.38	0.63
1	DRAIN			
2	GATE			
3	SOURCE			



IGN2735M5-PR1-NPS-C
Available Now

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