

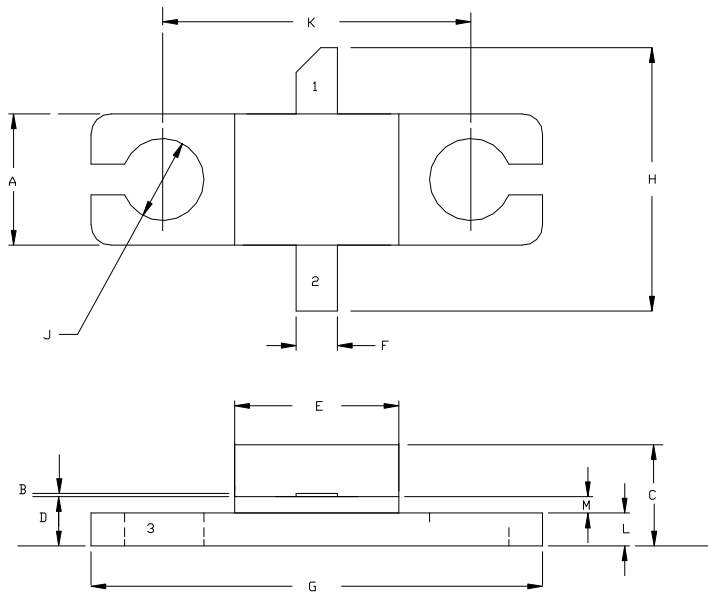
Broadband GaN 12W Discrete



IG12UM21A1

Integra introduces the IG12UM21A1 – a 12W discrete device based on gold metalized GaN on SiC technology.

- 0.25 μ m Geometry
- No Internal Matching
- Output Power \geq 12W
- Gain: 15dB typ
- Efficiency: 55% typ
- $V_{DD} = 24$ -28V



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			



IG12UM21A1-PR1-NPS-A
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