

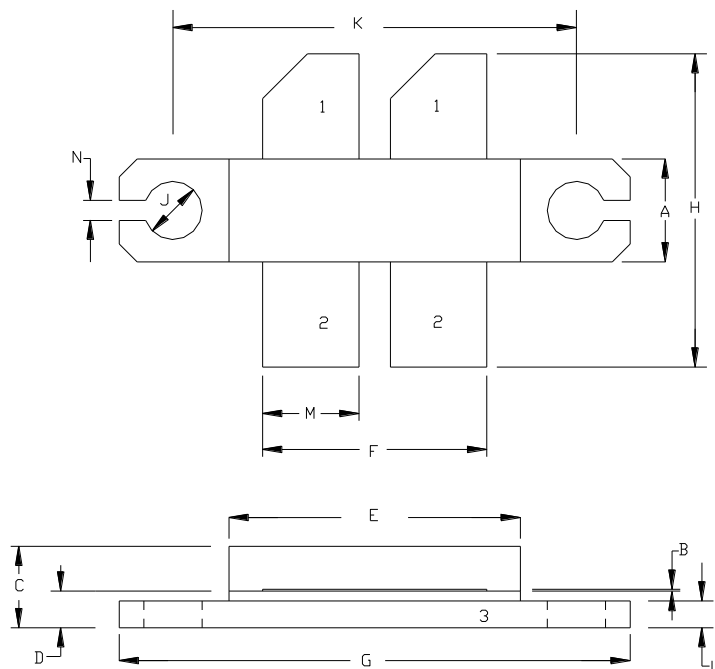
Broadband GaN 100W Push-Pull Discrete



IG100UM22D1

Integra introduces the IG100UM22D1 – a 100W discrete device based on gold metalized GaN on SiC technology.

- 0.25 μm Geometry
- No Internal Matching
- Output Power \geq 100W, 50W/side
- Gain: 15dB typ
- Efficiency: 55% typ
- $V_{DD} = 32\text{-}40\text{V}$



DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.225	0.235	5.72	5.97
B	0.003	0.005	0.08	0.13
C	0.177	0.187	4.50	4.75
D	0.077	0.087	1.96	2.21
E	0.645	0.655	16.38	16.64
F	0.495	0.505	12.57	12.83
G	1.135	1.145	28.83	29.08
H	0.690	0.710	17.53	18.03
J	0.128	0.132	3.25	3.35
K	0.895	0.905	22.73	22.99
L	0.055	0.065	1.40	1.65
M	0.210	0.220	5.35	5.60
N	0.040	0.050	1.02	1.27
1	DRAIN			
2	GATE			
3	SOURCE			

