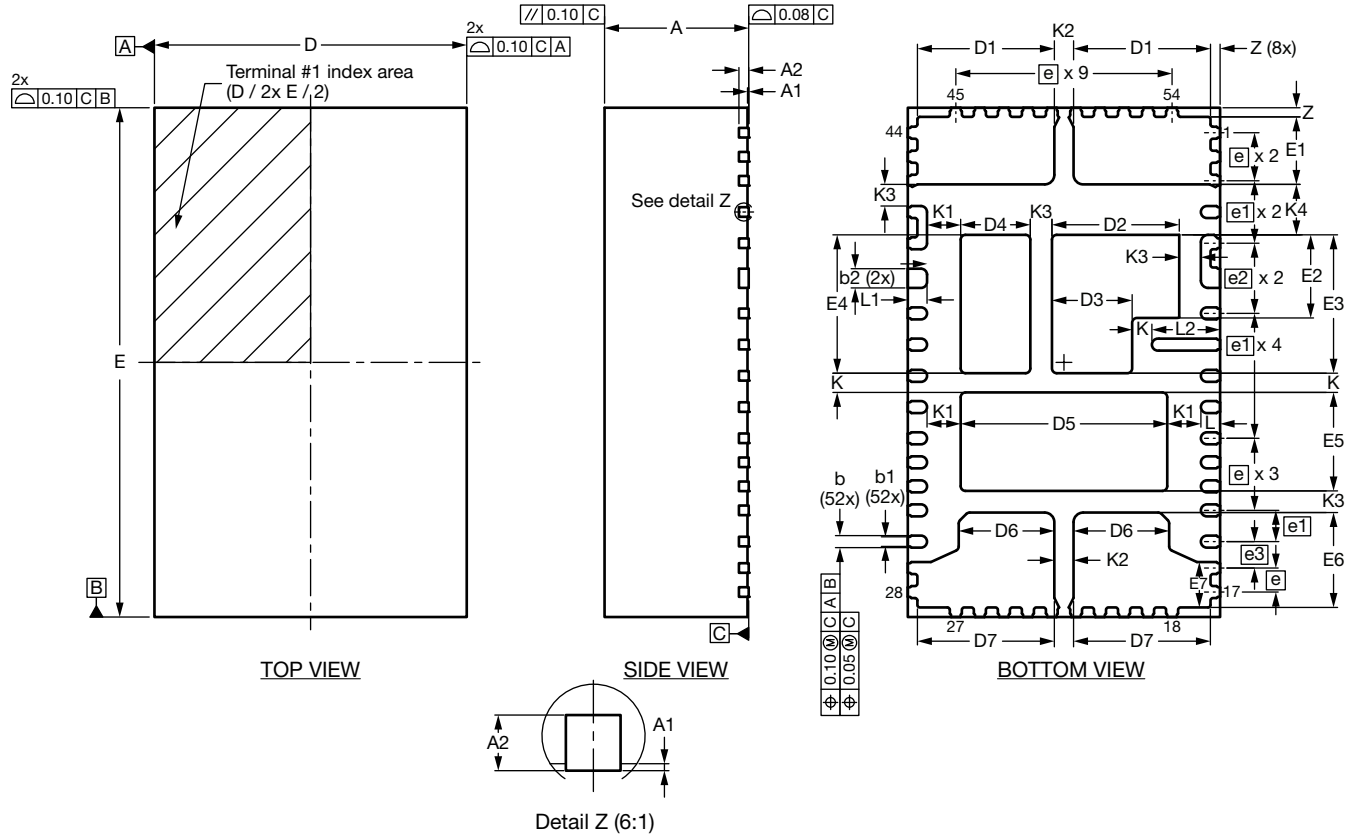




PowerPAK® MLP54-A6C Case Outline for SiC967



DIM.	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A ⁽¹⁾	2.90	3.00	3.10	0.114	0.118	0.122
A1	0.00	-	0.05	0.000	-	0.002
A2	0.20 ref.			0.008 ref.		
b ⁽²⁾	0.15	0.25	0.35	0.006	0.010	0.014
b1	0.20 ref.			0.008 ref.		
b2	0.30	0.40	0.50	0.012	0.016	0.020
D	6.40	6.50	6.60	0.252	0.256	0.260
D1	2.75	2.85	2.95	0.108	0.112	0.116
D2	2.55	2.65	2.75	0.100	0.104	0.108
D3	1.57	1.67	1.77	0.062	0.066	0.070
D4	1.35	1.45	1.55	0.053	0.057	0.061
D5	4.20	4.30	4.40	0.165	0.169	0.173
D6	1.89	1.99	2.09	0.074	0.078	0.082
D7	2.75	2.85	2.95	0.108	0.112	0.116
E	10.50	10.60	10.70	0.413	0.417	0.421
E1	1.31	1.41	1.51	0.051	0.055	0.059
E2	1.63	1.73	1.83	0.064	0.068	0.072
E3	2.78	2.88	2.98	0.109	0.113	0.117
E4	2.78	2.88	2.98	0.109	0.113	0.117
E5	1.95	2.05	2.15	0.077	0.081	0.085
E6	1.88	1.98	2.08	0.074	0.078	0.082
E7	0.85	0.95	1.05	0.033	0.037	0.041



DIM.	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
e	0.50 BSC			0.020 BSC		
e1	0.65 BSC			0.026 BSC		
e2	0.73 BSC			0.029 BSC		
e3	0.55 BSC			0.022 BSC		
K	0.40 ref.			0.016 ref.		
K1	0.70 ref.			0.028 ref.		
K2	0.40 ref.			0.016 ref.		
K3	0.45 ref.			0.018 ref.		
K4	1.05 ref.			0.041 ref.		
L	0.30	0.40	0.50	0.012	0.016	0.020
L1	0.30	0.40	0.50	0.012	0.016	0.020
L2	1.32	1.42	1.52	0.052	0.056	0.060
N ⁽³⁾	54			54		
Nd ⁽³⁾	10			10		
Ne ⁽³⁾	17			17		
Z	0.20 ref.			0.008 ref.		
ECN: T21-0581-Rev. A, 27-Dec-2021						
DWG: 6100						

Notes

- (1) Applied only for terminals
- (2) Dimension b applies to plated terminal and is measured between 0.20 mm and 0.25 mm from terminal tip
- (3) N is the number of terminals. Nd is the number of terminals in x-direction. Ne is the number of terminals in y-direction
- Use millimeters as the primary measurement
- Dimensioning and tolerances conform to ASME Y14.5M-1994
- The pin #1 identifier must be existed on the top surface of the package by using indentation mark or other feature of package body
- Exact shape and size of this feature is optional
- Package warpage max. 0.08 mm