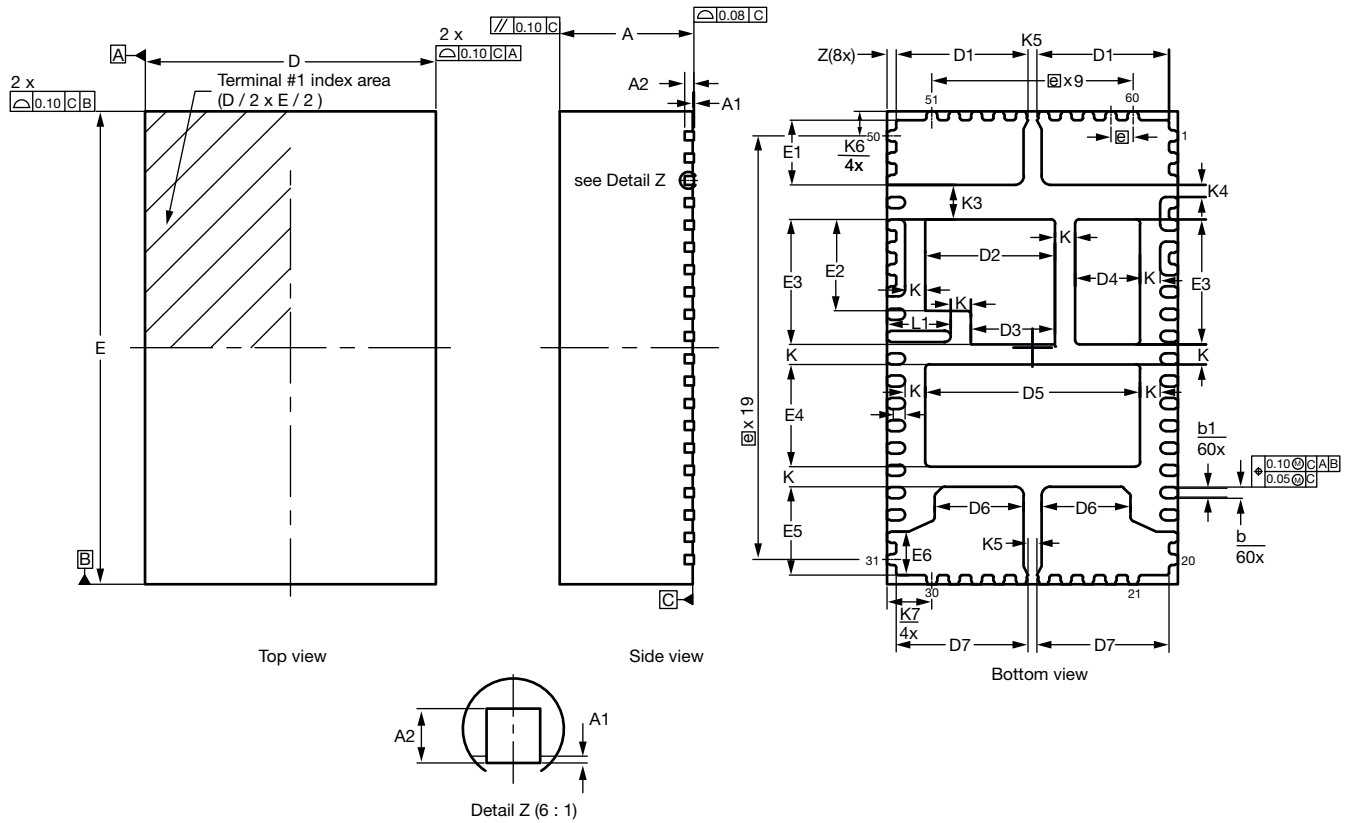




Case Outline for PowerPAK[®] MLP59-A6C for SiC951



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⁾	0.20	0.25	0.30	0.008	0.010	0.012
b1	0.20 ref.			0.008 ref.		
D	6.40	6.50	6.60	0.252	0.256	0.260
D1	2.85	2.95	3.05	0.112	0.116	0.120
D2	2.80	2.90	3.00	0.110	0.114	0.118
D3	1.78	1.88	1.98	0.070	0.074	0.078
D4	1.35	1.45	1.55	0.053	0.057	0.061
D5	4.70	4.80	4.90	0.185	0.189	0.193
D6	1.89	1.99	2.09	0.074	0.078	0.082
D7	2.85	2.95	3.05	0.112	0.116	0.118
E	10.50	10.60	10.70	0.413	0.417	0.421
E1	1.35	1.45	1.55	0.053	0.057	0.061
E2	1.95	2.05	2.15	0.077	0.081	0.085
E3	2.70	2.80	2.90	0.106	0.110	0.114
E4	2.19	2.29	2.39	0.086	0.090	0.094
E5	1.89	1.99	2.09	0.074	0.078	0.082



DIM.	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
E6	0.88	0.98	1.08	0.035	0.039	0.043
K	0.45 ref.			0.018 ref.		
K3	0.78 ref.			0.031 ref.		
K4	0.28 ref.			0.011 ref.		
K5	0.20 ref.			0.008 ref.		
K6	0.55 ref.			0.022 ref.		
K7	1.00 ref.			0.039 ref.		
L	0.30	0.40	0.50	0.012	0.016	0.020
L1	1.32	1.42	1.52	0.052	0.056	0.060
e	0.50 BSC			0.020 BSC		
Z	0.20 ref.			0.008 ref.		
ECN: T20-0590-Rev. A, 11-Jan-2021 DWG: 6084						

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
 - Use millimeters as the primary measurement
 - Dimensioning and tolerances conform to ASME Y14.5M-1994
 - N is the number of terminals. Nd is the number of terminals in x-direction. Ne is the number of terminals in y-direction
 - 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
 - Applied only for terminals