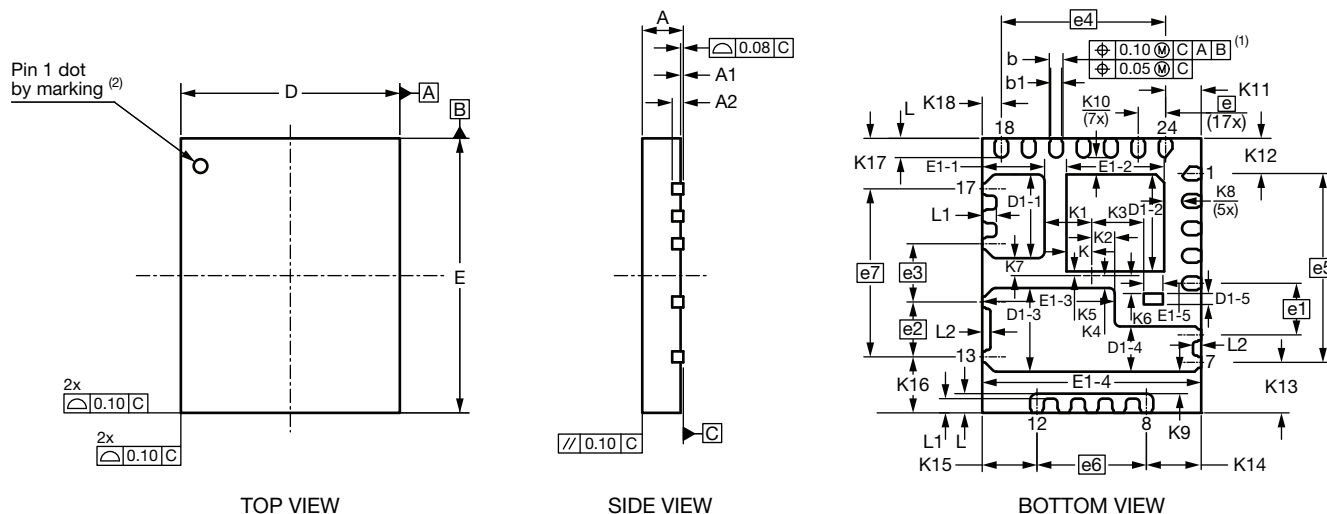




Case Outline for PowerPAK® MLP24-45



DIM.	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	0.70	0.75	0.80	0.027	0.029	0.031
A1	0.00	-	0.05	0.000	-	0.002
A2	0.20 ref.			0.008 ref.		
b	0.20	0.25	0.30	0.008	0.010	0.012
b1	0.15	0.20	0.25	0.006	0.008	0.010
D	3.90	4.00	4.10	0.153	0.157	0.161
e	0.50 BSC			0.020 BSC		
e1	0.94 BSC			0.037 BSC		
e2	1.00 BSC			0.039 BSC		
e3	1.06 BSC			0.042 BSC		
e4	3.00 BSC			0.118 BSC		
e5	3.44 BSC			0.135 BSC		
e6	2.00 BSC			0.079 BSC		
e7	3.06 BSC			0.120 BSC		
E	4.90	5.00	5.10	0.193	0.197	0.201
L	0.25	0.35	0.45	0.010	0.014	0.018
L1	0.16	0.26	0.36	0.006	0.010	0.014
L2	0.05	0.15	0.25	0.002	0.006	0.010
N	24			24		
D1-1	1.43	1.53	1.63	0.056	0.060	0.064
D1-2	1.67	1.77	1.87	0.066	0.070	0.074
D1-3	1.42	1.52	1.62	0.056	0.060	0.064
D1-4	0.72	0.82	0.92	0.028	0.032	0.036
D1-5	0.10	0.20	0.30	0.004	0.008	0.012
E1-1	1.04	1.14	1.24	0.041	0.045	0.047
E1-2	1.69	1.79	1.89	0.066	0.070	0.074
E1-3	2.32	2.42	2.52	0.091	0.095	0.099
E1-4	3.90	4.00	4.10	0.153	0.157	0.161
E1-5	0.25	0.35	0.45	0.010	0.014	0.018



DIM.	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
K		0.46 ref.			0.018 ref.	
K1		0.86 ref.			0.034 ref.	
K2		0.42 ref.			0.017 ref.	
K3		0.95 ref.			0.037 ref.	
K4		0.23 ref.			0.009 ref.	
K5		0.08 ref.			0.003 ref.	
K6		0.33 ref.			0.013 ref.	
K7		0.32 ref.			0.013 ref.	
K8		0.33 ref.			0.013 ref.	
K9		0.40 ref.			0.016 ref.	
K10		0.31 ref.			0.012 ref.	
K11		0.65 ref.			0.026 ref.	
K12		0.64 ref.			0.025 ref.	
K13		0.92 ref.			0.036 ref.	
K14		1.00 ref.			0.039 ref.	
K15		1.00 ref.			0.039 ref.	
K16		1.02 ref.			0.040 ref.	
K17		0.92 ref.			0.036 ref.	
K18		0.35 ref.			0.014 ref.	
ECN: T21-0574-Rev. A, 13-Dec-2021 DWG: 6097						

Notes

- 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, and Ne is the number of terminals in Y-direction
 - Exact shape and size of this feature is optional
 - Package warpage max. 0.08 mm
 - Applied only for terminals
- (1) Dimension b applies to plated terminal and is measured between 0.20 mm and 0.25 mm from terminal tip
- (2) The pin #1 identifier must be existed on the top surface of the package by using indentation mark or other feature of package body