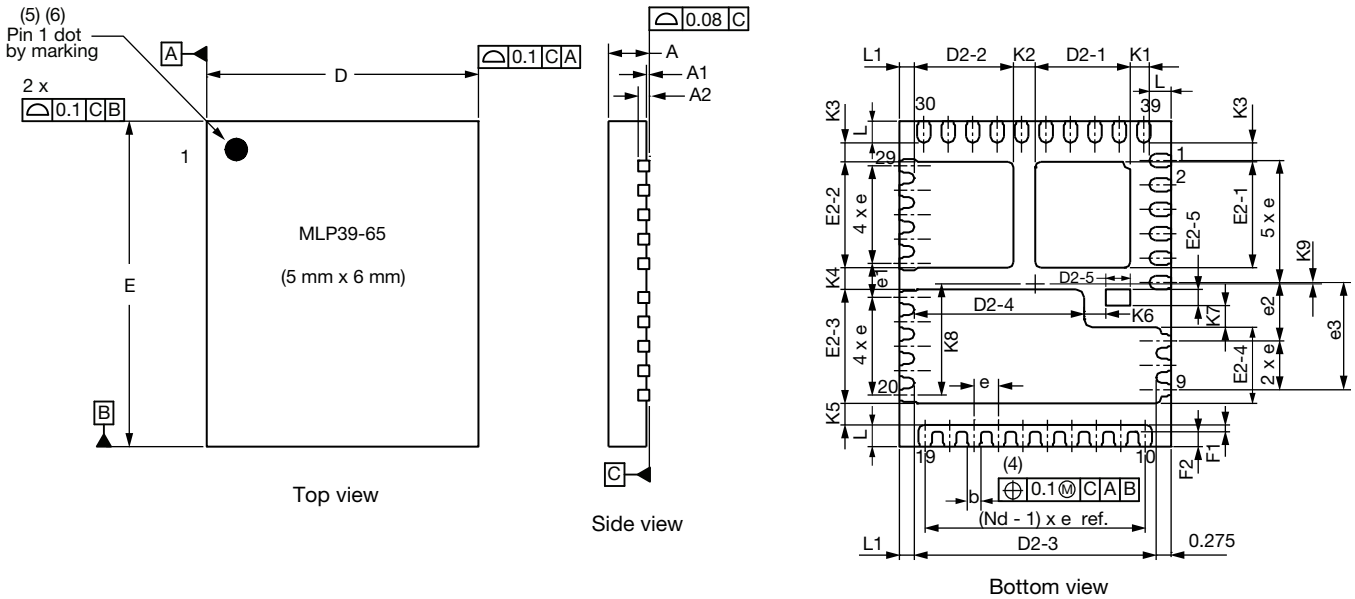




PowerPAK® MLP39-65 Case Outline



DIM.	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A ⁽⁸⁾	0.65	0.75	0.85	0.026	0.030	0.033
A1	0.00	-	0.05	0.000	-	0.002
A2	0.20 ref.			0.008 ref.		
b ⁽⁴⁾	0.20	0.25	0.30	0.078	0.098	0.011
D	4.90	5.00	5.10	0.193	0.197	0.201
e	0.450 BSC			0.018 BSC		
e1	0.625 BSC			0.025 BSC		
e2	1.075 BSC			0.042 BSC		
e3	1.975 BSC			0.078 BSC		
E	5.90	6.00	6.10	0.232	0.236	0.240
D2-1	1.65	1.75	1.85	0.065	0.069	0.073
D2-2	1.73	1.83	1.93	0.068	0.072	0.076
D2-3	4.35	4.45	4.55	0.171	0.175	0.179
D2-4	3.03	3.13	3.23	0.119	0.123	0.127
D2-5	0.35	0.45	0.55	0.014	0.018	0.022
E2-1	1.85	1.95	2.05	0.073	0.077	0.081
E2-2	1.85	1.95	2.05	0.073	0.077	0.081
E2-3	2.00	2.10	2.20	0.079	0.083	0.087
E2-4	1.30	1.40	1.50	0.051	0.055	0.059
E2-5	0.20	0.30	0.40	0.008	0.012	0.016
L	0.30	0.40	0.50	0.012	0.016	0.020
L1	0.18	0.28	0.38	0.007	0.011	0.015
F1	0.125 BSC			0.005 BSC		
F2	0.275 BSC			0.011 BSC		



DIM.	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
K1		0.35 ref.			0.014 ref.	
K2		0.40 ref.			0.016 ref.	
K3		0.35 ref.			0.014 ref.	
K4		0.40 ref.			0.016 ref.	
K5		0.40 ref.			0.016 ref.	
K6		0.40 ref.			0.016 ref.	
K7		0.40 ref.			0.016 ref.	
K8		2.048 ref.			0.081 ref.	
K9		0.025 ref.			0.001 ref.	
N ⁽³⁾		39			39	
Nd ⁽³⁾		10			10	
Ne ⁽³⁾		10			10	
ECN: T19-0296-Rev. D, 23-Sep-2019 DWG: 6074						

Notes

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