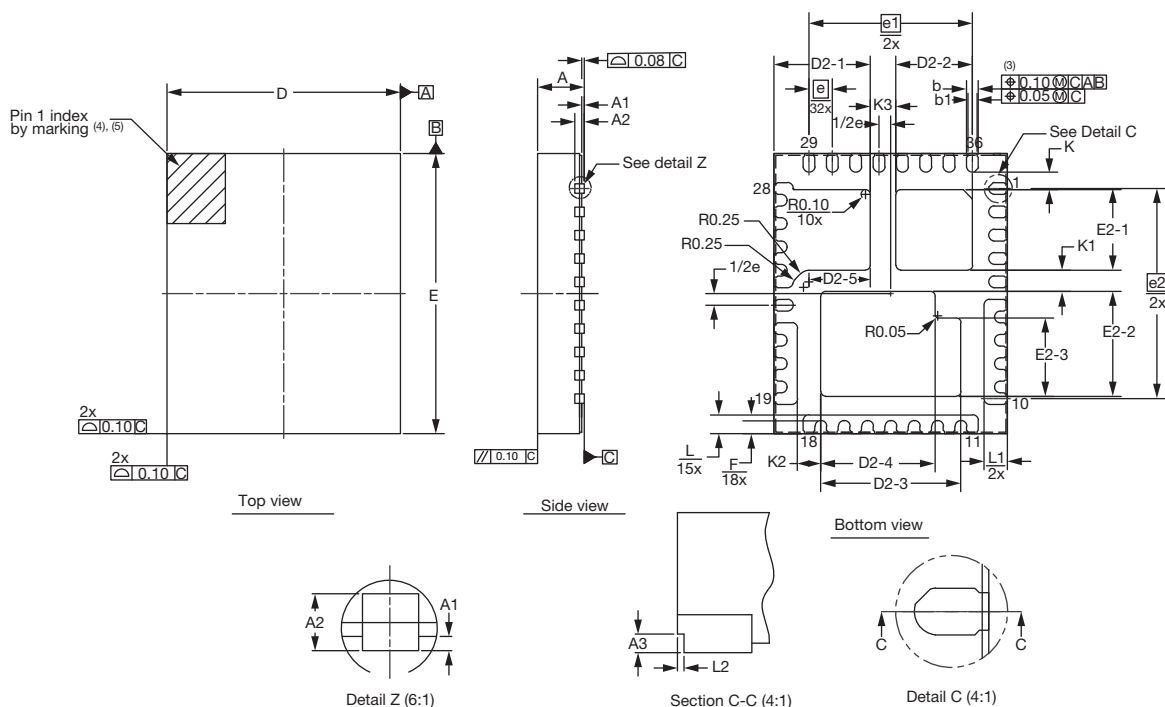


PowerPAK® MLP36F-56Q Case Outline



DIM.	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A ⁽⁷⁾	0.90	1.00	1.10	0.035	0.039	0.043
A1	0.00	-	0.05	0.000	-	0.002
A2	0.20 ref.			0.008 ref.		
A3	0.10 min.			0.004 min.		
b ⁽³⁾	0.20	0.26	0.32	0.008	0.010	0.012
b1	0.20 ref.			0.008 ref.		
D	4.90	5.00	5.10	0.193	0.197	0.201
e	0.50 BSC			0.020 BSC		
e1	3.50 BSC			0.138 BSC		
e2	4.50 BSC			0.177 ref.		
E	5.90	6.00	6.10	0.232	0.236	0.240
L	0.30	0.40	0.50	0.012	0.016	0.020
L1	0.40	0.50	0.60	0.016	0.020	0.024
L2	0.035 ref.			0.001 ref.		
D2-1	1.96	2.06	2.16	0.077	0.081	0.085
D2-2	1.54	1.64	1.74	0.061	0.065	0.069
D2-3	2.90	3.00	3.10	0.114	0.118	0.122
D2-4	2.37	2.47	2.57	0.093	0.097	0.101
D2-5	1.21	1.31	1.41	0.048	0.052	0.056
E2-1	1.63	1.73	1.83	0.064	0.068	0.072
E2-2	2.15	2.25	2.35	0.085	0.090	0.093
E2-3	1.58	1.68	1.78	0.062	0.066	0.070
F	0.28 ref.			0.011 ref.		
K	0.37 ref.			0.015 ref.		
K1	0.45 ref.			0.018 ref.		
K2	0.50 ref.			0.020 ref.		
K3	0.55 ref.			0.022 ref.		
ECN: T24-0418-Rev. B, 21-Oct-2024						
DWG: 6103						

Notes

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