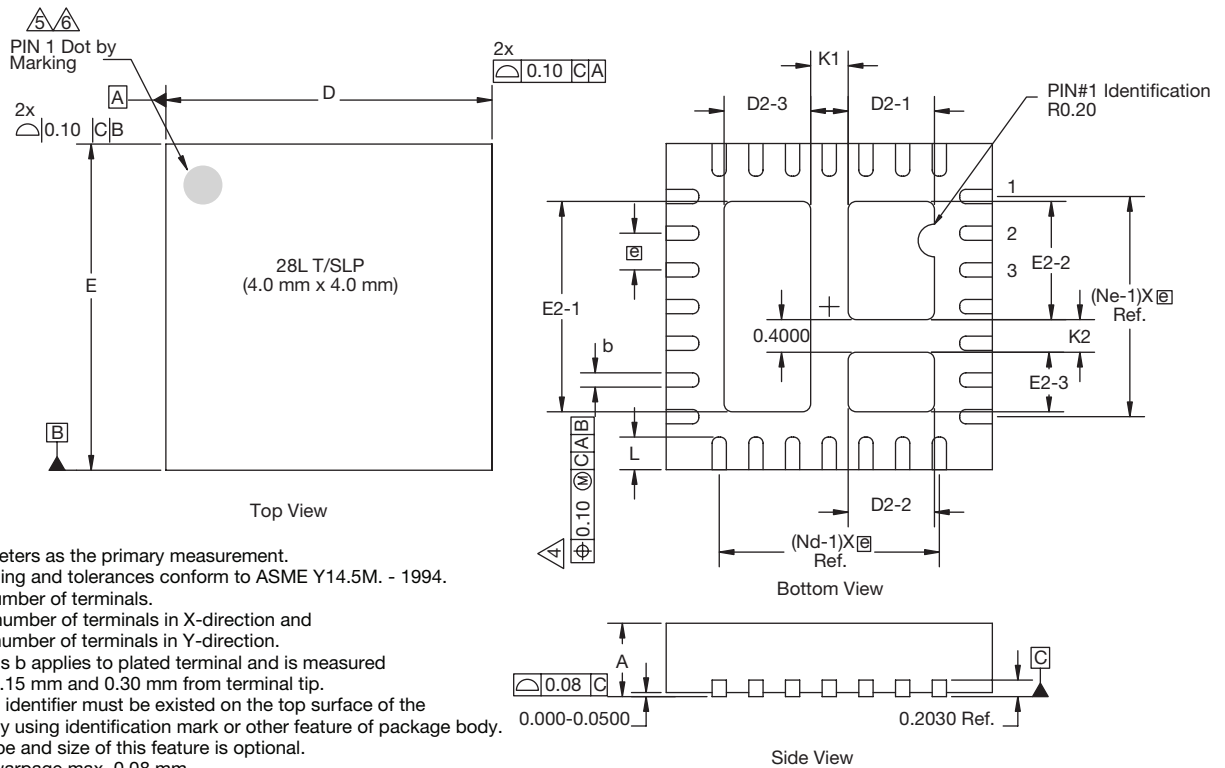


PowerPAK® MLP44-28L CASE OUTLINE



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. Dimensions b applies to plated terminal and is measured between 0.15 mm and 0.30 mm from terminal tip.
5. The pin #1 identifier must be existed on the top surface of the package by using identification 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.

DIM.	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A ⁽⁸⁾	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 ⁽⁴⁾	0.175	0.225	0.275	0.007	0.009	0.011
D	4.00 BSC			0.157 BSC		
Ⓞ	0.45 BSC			0.018 BSC		
E	4.00 BSC			0.157 BSC		
L	0.30	0.40	0.50	0.012	0.016	0.020
N ⁽³⁾	28			28		
Nd ⁽³⁾	7			7		
Ne ⁽³⁾	7			7		
D2-1	0.908	1.058	1.158	0.036	0.042	0.046
D2-2	0.908	1.058	1.158	0.036	0.042	0.046
D2-3	0.912	1.062	1.162	0.036	0.042	0.046
E2-1	2.43	2.58	2.68	0.096	0.102	0.105
E2-2	1.30	1.45	1.55	0.051	0.057	0.061
E2-3	0.58	0.73	0.83	0.023	0.029	0.033
K1	0.46 BSC			0.018 BSC		
K2	0.40 BSC			0.016 BSC		
ECN: T10-0056-Rev. A, 22-Feb-10						
DWG: 5996						