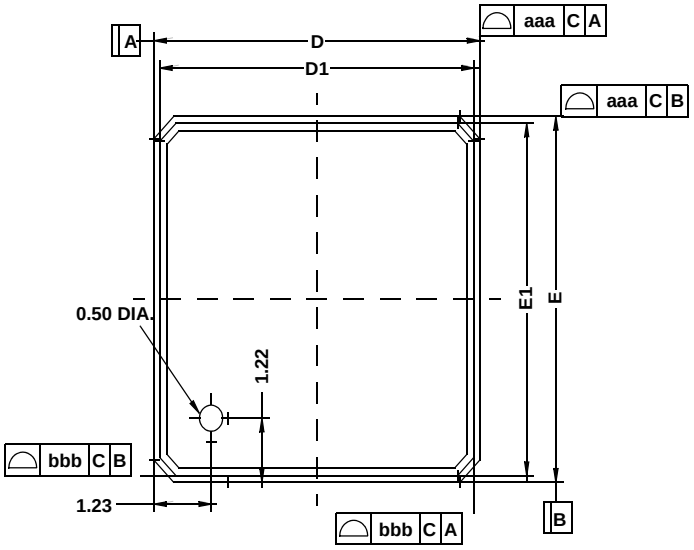
Package Outline Drawing

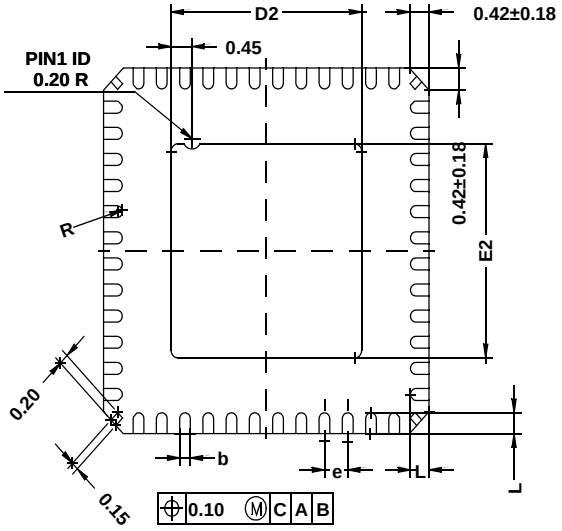
L48.7x7Y

48 LEAD QUAD FLAT NO-LEAD PLASTIC PACKAGE (PUNCH-QFN)

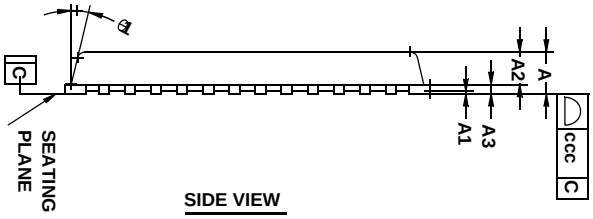
Rev 0 10/12)



TOP VIEW



BOTTOM VIEW



SIDE VIEW

SYMBOL	MILLIMETERS			INCH		
	MIN	NOM	MAX	MIN	NOM	MAX
A	-	-	0.90	-	-	0.035
A1	0.00	0.01	0.05	0.00	0.0004	0.002
A2	-	0.65	0.70	-	0.026	0.028
A3	0.20 REF.			0.008 REF.		
b	0.18	0.23	0.28	0.007	0.009	0.011
D	7.00 BSC			0.276 BSC		
D1	6.75 BSC			0.266 BSC		
D2	4.00	4.10	4.20	0.157	0.161	0.165
E	7.00 BSC			0.276 BSC		
E1	6.75 BSC			0.266 BSC		
E2	4.00	4.10	4.20	0.157	0.161	0.165
L	0.30	0.40	0.50	0.012	0.016	0.020
e	0.50 BSC			0.020 BSC		
θ	0°	-	12°	0°	-	12°
R	0.075	-	-	0.003	-	-
TOLERANCES OF FORM AND POSITION						
aaa	0.10			0.004		
bbb	0.10			0.004		
ccc	0.05			0.002		

*Controlling Dimension: mm

NOTES:

1. All Dimensions are in Millimeters.
2. Die Thickness allowable is 0.305mm maximum (0.012 inches maximum).
3. Dimensioning and Tolerances conform to ASME Y14.5M-1994.
4. Dimension applies to plated terminal and is measured between 0.20 and 0.25mm from terminal tip.
5. The pin #1 identifier must be placed 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 0.08mm.
8. Applied for exposed pad and terminals exclude embedding part of exposed pad from measuring.
9. Applied only to terminals.
10. Package corners unless otherwise specified are R0.175±0.025mm.