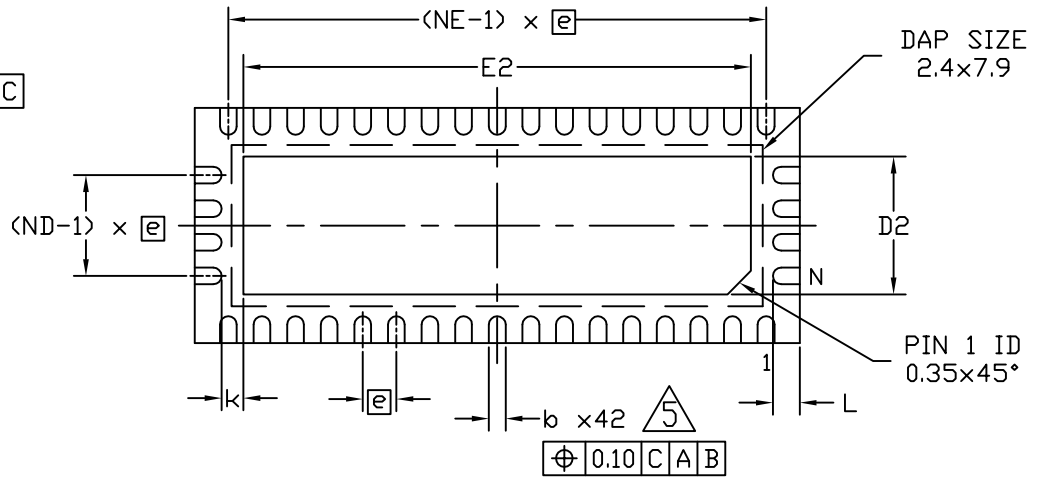
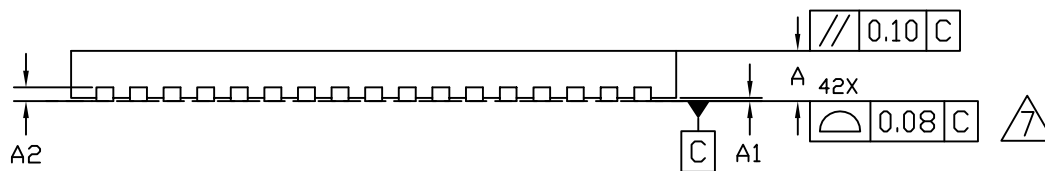


TOP VIEW



BOTTOM VIEW



SIDE VIEW

MAXIM			
TITLE: PACKAGE OUTLINE, 42L THIN QFN, 3.5x9x0.8mm			
APPROVAL SCOTT SCHROEDER 05/06/11	DOCUMENT CONTROL NO. 21-0181	REV. C	1/2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES.
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
3. "N" IS THE TOTAL NUMBER OF TERMINALS.
4. THE TERMINAL #1 IDENTIFIER AND TERMINAL NUMBERING CONVENTION SHALL CONFORM TO JESD 95-1 SPP-012. DETAILS OF TERMINAL #1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE TERMINAL #1 IDENTIFIER MAY BE EITHER A MOLD OR MARKED FEATURE.
5. DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.25 mm AND 0.30 mm FROM TERMINAL TIP.
6. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH "D" AND "E" SIDE, RESPECTIVELY.
7. COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS. COPLANARITY SHALL NOT EXCEED 0.08mm.
8. WARPAGE SHALL NOT EXCEED 0.10mm.
9. MARKING IS FOR PACKAGE ORIENTATION ONLY.
10. LEAD CENTERLINES TO BE AT DEFINED BY DIMENSION e ± 0.05 .
11. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
12. ALL DIMENSIONS APPLY BOTH TO LEAD FREE (+) & LEADED (-) PKG. CODES.

COMMON DIMENSIONS				
REF.	MIN.	NOM.	MAX.	NOTE
A	0.70	0.75	0.80	
A1	0	-	0.05	
A2	0.20 REF.			
b	0.20	0.25	0.30	
D	3.40	3.50	3.60	
E	8.90	9.00	9.10	
e	0.50 BSC.			
k	0.25	-	-	
L	0.35	0.40	0.45	ALL PINS
N	42			
ND	4			
NE	17			

PKG. CODE	EXPOSED PAD VARIATIONS					
	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
T423590-1	1.95	2.05	2.15	7.45	7.55	7.65
T423590M-1	1.95	2.05	2.15	7.45	7.55	7.65

			
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