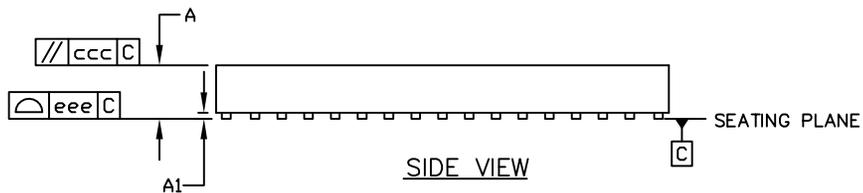
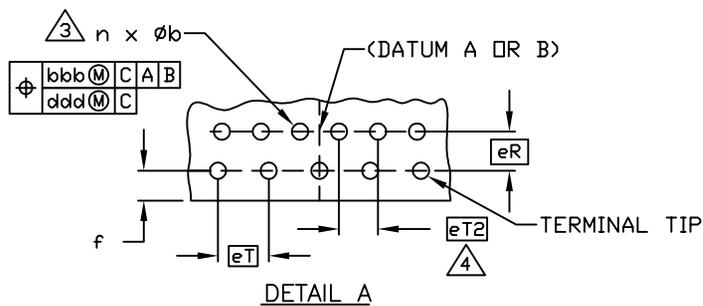


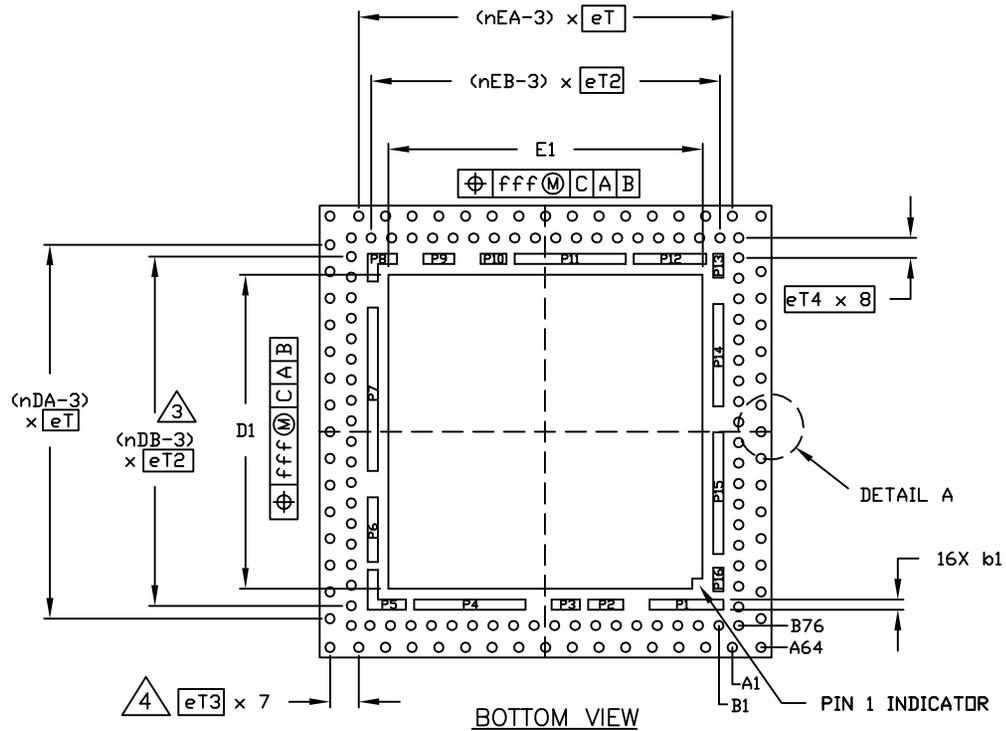
TOP VIEW



SIDE VIEW



DETAIL A



BOTTOM VIEW

-DRAWING NOT TO SCALE-



TITLE:  
 PKG. OUTLINE, MULTI-ROW QUAD PKG.  
 140L 11x11x0.85mm NiPd PLATING

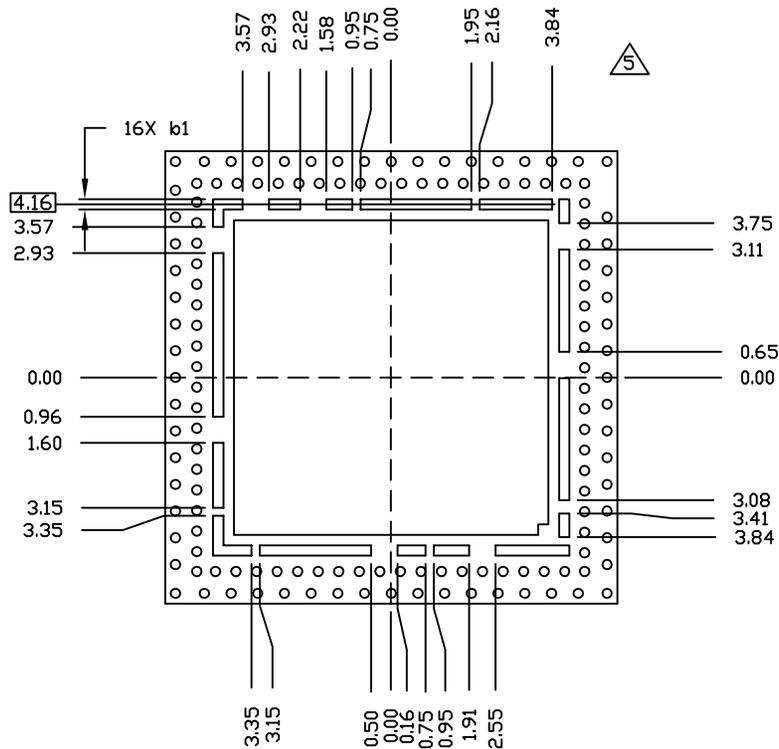
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 02/04/2014

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 21-0654

REV. 1/2  
 F

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
3. n IS THE TOTAL NUMBER OF I/Os.
4. eT, eT2, eT3, eT4 AND eR REPRESENT THE BASIC LAND GRID PITCH.
5. TOLERANCE FOR POWER SUPPLY RING SEGMENT EDGES IS +/-0.1MM. THE SEGMENTS ARE NUMBERED P1...P16.
6. 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.
7. DIMENSION b APPLIES TO METALLIZED TERMINAL.
8. LEAD A49 IS DEPOPULATED.
9. COPLANARITY APPLIES TO THE EXPOSED PAD AND POWER RING SECTIONS AS WELL AS THE TERMINALS.
10. DRAWING CONFORMS TO JEDEC MO-220.
11. WARPAGE SHALL NOT EXCEED 0.10MM.
12. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
13. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC# 10-0131.
14. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE ONLY.



POWER SUPPLY RING SPLITS

DIMENSIONS			
SYMBOL	MIN	NOM	MAX
A	0.80	0.85	0.90
A1	0.02	0.05	0.08
b	0.20	0.23	0.26
b1	0.22	0.25	0.28
eT	0.65 BSC.		
eT2	0.50 BSC.		
eT3	0.70 BSC.		
eT4	0.45 BSC.		
eR	0.55 BSC.		
D	11.00 BSC.		
D1	7.60	7.65	7.70
E	11.00 BSC.		
E1	7.60	7.65	7.70
f	0.250 REF.		
n	139		
nDA	17		
nDB	20		
nEA	17		
nEB	20		
TOLERANCE OF FORM & POSITION			
aaa	0.10		
bbb	0.10		
ccc	0.20		
ddd	0.08		
eee	0.05		
fff	0.10		
Pkgcode	G14011N+1C		

-DRAWING NOT TO SCALE-



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