



-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE, 16L
EXTREME TQFN PKG., 3x3x0.35mm

APPROVAL
SCOTT SCHROEDER
09/16/13

DOCUMENT CONTROL NO.
21-0734

REV. A 1/2

NOTES:

1. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M
2. ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES
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 0.20 mm AND 0.25 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 LEADS, CORNER LEADS AND DIE ATTACH PAD
8. DRAWING CONFORMS TO JEDEC MO248 REVISION E
9. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY
10. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY
11. WARPAGE NOT TO EXCEED 0.10mm
12. ALL DIMENSIONS APPLY TO Pb FREE (+) PARTS ONLY

COMMON DIMENSIONS			
REF.	MIN.	NOM.	MAX.
A	0.31	0.36	0.40
b	0.17	0.22	0.27
D	3.00 BSC.		
E	3.00 BSC.		
D2	1.7	1.8	1.9
E2	1.7	1.8	1.9
e	0.50 BSC.		
L	0.25	0.30	0.35
N	16		
ND	4		
NE	4		
A1	0	0.035	0.05
A2	--	0.23	--
A3	0.127 REF		
aaa	0.1		
bbb	0.1		
ccc	0.08		
ddd	0.1		
eee	0.1		
Pkgcode: E1633N+1			

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