

TITLE: PACKAGE OUTLINE, 68L QFN, 10x10x0.90 MM

DOC ID # 21-0122	NEW REV: C	OLD REV: B	EFFECTIVE:
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TYPE	883 <input type="checkbox"/>	SMD <input type="checkbox"/> #	PERMANENT <input checked="" type="checkbox"/>	TEMPORARY <input type="checkbox"/>	EXPIRES:
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ORIGINATOR	N. DUONG	EXT: 6613	VP NAME: RICH HOOD
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OTHER DOC AFFECTED: NO YES LIST: →

MATL. AFFECTED: NO YES → USE AS IS: REWORK: SCRAP:

For Maxfab Lot Traveler Changes ONLY: Affects version number? NO YES IF YES, ECN the Process Revision List.

For Data Sheet Changes ONLY: Review Data Sheet before printing? NO YES IF YES, initial

DESIGN CHANGES ONLY:

ROOT CAUSE:

CORRECTIVE ACTION:

**REASON FOR CHANGE: PIN 1 ID AND TIE BAR MARK OPTION DETAILS ADDED.
DIMENSIONAL CHANGE. DALLAS LOGO AND NOTES ADDED.**

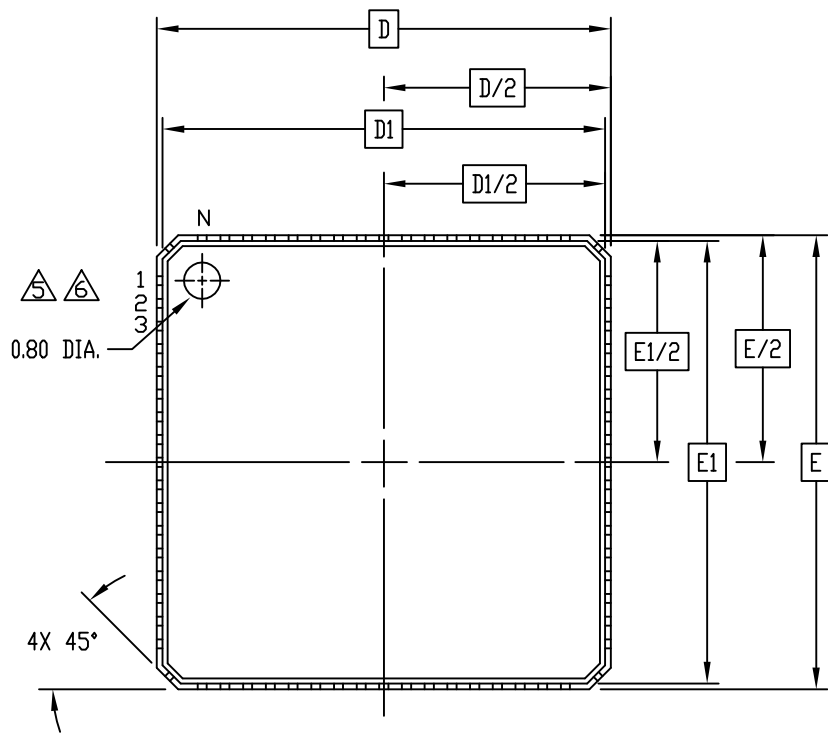
<p style="text-align: center;"><u>FROM:</u></p> <p>DIMENSION "L": MAX = 0.75</p>	<p style="text-align: center;"><u>TO:</u></p> <p>PAGE 1: - DETAIL A DIAGRAM SHOWN - PIN 1 ZONE SHOWN ON BOTTOM VIEW</p> <p>PAGE 2: ADDED TO NOTE 5 "DETAILS OF PIN #1.....ZONE INDICATED</p> <p>ADD NOTE 11: MEETS JEDEC MO-220.</p> <p>DIMENSION "L": MAX = 0.65</p>
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DISTRIBUTION: HQ Maxim North Maxfab South **Manufacturing Areas** N/A _____ **Offshore:** N/A
Other: J.MOIST, L.JACKSON, M.RUBENZAHL, S.SUNG, S.SCHROEDER, A.ARREOLA, A.WICHMAN, D.GOLDBAUM, E.EVANS, @Q, @BA, @AC

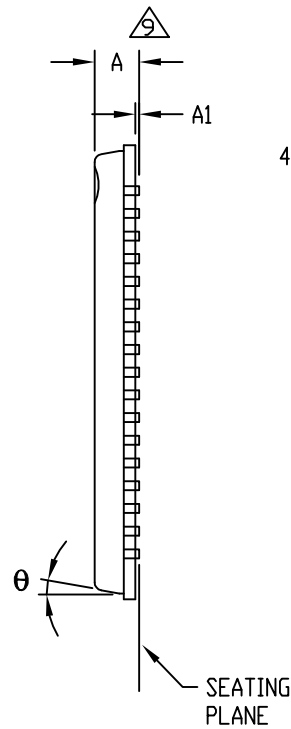
ORIGINAL APPROVALS ARE ON FILE IN THE _____ DOCUMENT CONTROL OFFICE.

APPROVALS	DATE	APPROVALS	DATE	APPROVALS	DATE
PKG. ENGR.	/ /	T.MAK	/ /		/ /
S. SUNG	/ /		/ /		/ /
A. QUINTERO	/ /		/ /		/ /

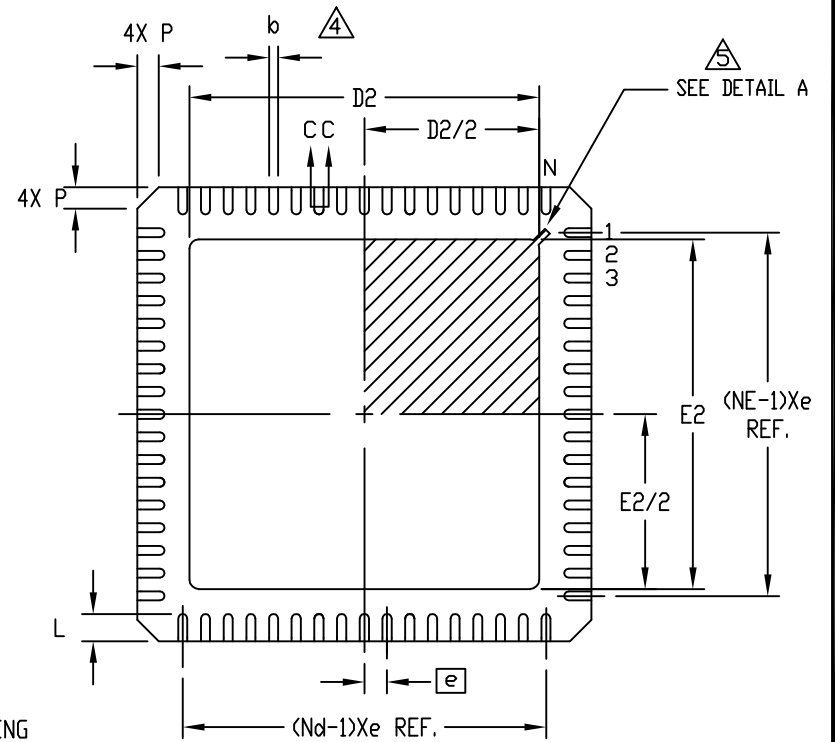
Date ECN submitted into D.C.:	Document Control processor initials:
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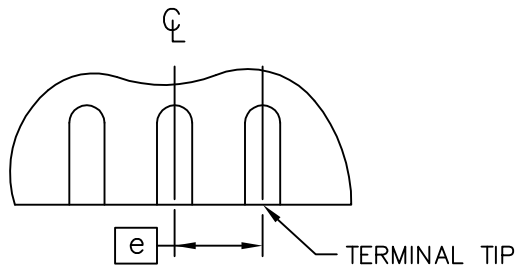
TOP VIEW



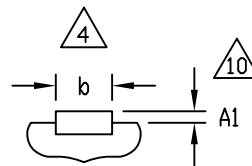
SIDE VIEW



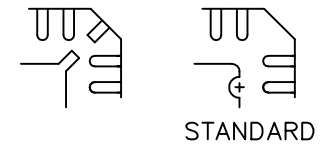
BOTTOM VIEW



FOR ODD TERMINAL/SIDE



SECTION "C-C"
SCALE: NONE



DETAIL A
PIN #1 ID AND
TIE BAR MARK OPTIONS

DALLAS SEMICONDUCTOR **MAXIM**

PROPRIETARY INFORMATION

TITLE:
PACKAGE OUTLINE, 68L QFN, 10x10x0.9 MM

APPROVAL	DOCUMENT CONTROL NO. 21-0122	REV. C	1/2
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SYMBOL	COMMON DIMENSIONS			NOTE
	MIN.	NOM.	MAX.	
A	—	0.90	1.00	
A1	0.00	0.01	0.05	11
b	0.18	0.23	0.30	4
D	10.00 BSC			
D1	9.75 BSC			
e	0.50 BSC			
E	10.00 BSC			
E1	9.75 BSC			
L	0.50	0.60	0.65	
N	68			3
Nd	17			3
Ne	17			3
θ	0		12°	
P	0	0.42	0.60	

1. DIE THICKNESS ALLOWABLE IS .012 INCHES MAXIMUM.
2. DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M. – 1994.
3. N IS THE NUMBER OF TERMINALS.
Nd IS THE NUMBER OF TERMINALS IN X-DIRECTION &
Ne IS THE NUMBER OF TERMINALS IN Y-DIRECTION.
4. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.20 AND 0.25mm FROM TERMINAL TIP.
5. THE PIN #1 IDENTIFIER MUST BE LOCATED ON THE TOP SURFACE OF THE PACKAGE BY USING INDENTATION MARK OR OTHER FEATURE OF PACKAGE BODY. DETAILS OF PIN #1 IDENTIFIER IS OPTIONAL, BUT MUST BE LOCATED WITHIN ZONE INDICATED.
6. EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL.
7. ALL DIMENSIONS ARE IN MILLIMETERS.
8. PACKAGE WARPAGE MAX 0.10mm.
9. APPLIES TO EXPOSED SURFACE OF PADS AND TERMINALS
10. APPLIES ONLY TO TERMINALS.
11. MEETS JEDEC MO-220.

EXPOSED PAD VARIATIONS

PKG CODE	D2			E2		
	MIN	NOM	MAX	MIN	NOM	MAX
G6800-2	7.55	7.70	7.85	7.55	7.70	7.85
G6800-4	5.65	5.80	5.95	5.65	5.80	5.95

 DALLAS SEMICONDUCTOR 			
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